

## II. Inventor Search Results from Dialog

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24/3K/1 (Item 1 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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01777962

### METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER

VERFAHREN ZUR IDENTIFIZIERUNG UND AUTHENTIFIZIERUNG OHNE SPEZIFISCHES  
LESE- UND IDENTIFIKATIONSGERAT

PROCEDE D'IDENTIFICATION ET D'AUTHENTIFICATION SANS LECTEUR SPECIFIQUE  
D'UN IDENTIFICATEUR

METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN  
IDENTIFIER

#### Patent Assignee:

- **Novatec**; (3015771)  
350, avenue d'Italie, Z.A. Albasud; 82000 Montauban; (FR)  
(Proprietor designated states: all)

#### Inventor:

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Chemin du QuartLes Bardonis; F-82000 Montauban; (FR)
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321, chemin des CabouillousLe Carreyat; F-82000 Montauban; (FR)
- **BOURRIERES, Francis**  
... ..FR); ;
- **KAISER, Clement**  
;;

	Country	Number	Kind	Date	
Patent	EP	1578268	A1	20050928	(Basic)
	EP	1578268	B1	20080213	
	WO	2004054444		20040701	
Application	EP	2003813160		20031210	
	WO	2003FR3668		20031210	

	Country	Number	Kind	Date
Priorities	FR	0215783		20021213

**Designated States:**

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;  
NL; PT; RO; SE; SI; SK; TR;

**Extended Designated States:**

AL; LT; LV; MK;

**International Patent Class (V7):** A61B-005/117; G09F-003/00

International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
A61B-0005/117	A	I	F	B	20060101	20040705	H	EP
G09F-0003/00	A	I	L	B	20060101	20040705	H	EP

**NOTE:** No A-document published by EPO

Legal Status Type	Pub. Date	Kind	Text
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**Language** Publication: French

Procedural: French

Application: French

Fulltext Availability Available Text	Language	Update	Word Count
CLAIMS B	(English)	200807	457
CLAIMS B	(German)	200807	467
CLAIMS B	(French)	200807	426
SPEC B	(French)	200807	2296
Total Word Count (Document A) 0			
Total Word Count (Document B) 3646			
Total Word Count (All Documents) 3646			

**Specification:** ...B1

**DOMAINE D'APPLICATION**

La presente invention vise a proposer un moyen pour identifier et authentifier un identificateur rattache a des objets ou a des etres vivants sans necessiter... ..tracabilite ou la securite.

**ETAT DE L'ART**

A ce jour, plusieurs moyens existent pour identifier ou authentifier les objets ou les etres vivants. Un moyen repandu consiste a apposer un... ..a la particularite de presenter des caracteristiques physiques remarquables qui peuvent etre directement utilisees pour identifier ladite personne. Dans la presente invention comme cela sera vu plus loin, la demanderesse a... ..un objet ou a un etre vivant que l'on souhaite marquer et non a identifier ou a authentifier l'objet ou l'etre vivant lui-meme. Par consequent l'objet... ..vivant.

#### DESCRIPTION DE L'INVENTION :

La presente invention vise a proposer un procede humain pour identifier et authentifier des identificateurs rattaches a des objets ou a des etres vivants sans les ... ..un reseau et l'identificateur lui-meme. Ainsi, cette invention permet de reconnaitre et d' identifier de facon indirecte des objets identiques, ce qui est particulierement nouveau et inventif.

A titre... ..de l'invention, l'identificateur peut etre rattache de maniere inviolable a l'objet a identifier ou a authentifier.

D'autres caracteristiques de l'invention apparaitront a la lecture des figures ... ..virtuellement ou de maniere physique a l'objet ou a l'etre vivant (6) a identifier . Dans le cas present et de maniere a faciliter les operations d'identification, une image... ..rendre l'identificateur inviolable, il peut etre judicieux de le coller sur l'objet a identifier , de sorte que si l'on cherche a le decoller on le deteriore de facon...

**Claims:** ...process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult... ..human eye (12) to verify the three-dimensional appearance guaranteeing the authenticity of the aforementioned identifier (1) and that the identification or reading being made by visual comparison (B) of a two-dimensional image (2) of the identifier (1) stored in a database (4) accessible by a network (5), and the identifier himself (1).

2. Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult... ..an appropriate scale a similar image (3) to the two-dimensional image (2) of the identifier (1) (9) (10) (11), the afore-mentioned image (2) being stored in the database (4), and that the similar image (3) is physically associated with the three-dimensional identifier (1) (9) (10) (11) to carry out a first visual comparison (C) between the volumic identifier (1) (9) (10) (11) and the similar image (3) and a second visual comparison (D)... ..version stored in the database (4) and its similar representation (3) associated with the volumic identifier (1) (9) (10) (11).

3. Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogenities distributed in a random manner within a transparent material rendering the latter difficult... ..the fact that it uses a call number and possibly a password associated with the identifier in order to facilitate and secure access to the database (4).

4. Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..to Claims 1 to 4 taken together or separately, characterized by the fact that the identifier (1) (9) (10) (11) and/or two-dimensional image (2) and/or similar image (3...

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24/3K/2 (Item 1 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01534571

**METHOD FOR CERTIFYING AND SUBSEQUENTLY AUTHENTICATING ORIGINAL PAPER OR DIGITAL DOCUMENTS FOR THE CONSTITUTION OF EVIDENCE**  
**PROCEDE DE CERTIFICATION ET D'AUTHENTIFICATION ULTERIEURE DE DOCUMENTS ORIGINAUX PAPIER OU NUMERIQUES POUR CONSTITUTION DE PREUVES**

**Patent Applicant/Patent Assignee:**

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350, Avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(For all designated states except: US)

**Patent Applicant/Inventor:**

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- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Francis**  
... .. KAISER Clement ; ... .. BOURRIERES Franck

**Legal Representative:**

- **NOVATEC SA(common-representative)**  
350, Avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200777324	A1	20070712
Application	WO	2006FR2799		20061219
Priorities	FR	200512985		20051221

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID;  
IL; IN; IS; JP; KE; KG; KM; KN; KP; KR;  
KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY;  
MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA;  
NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RS; RU; SC; SD; SE; SG; SK; SL; SM; SV;  
SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 11953

### Detailed Description:

...un procede de fabrication et d'identification d'un document ainsi que le dispositif pour identifier ledit document.

L'objet de ce brevet concerne un depot aleatoire de particules finement divisees...

Dialog eLink: [Order File History](#)

24/3K/3 (Item 2 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01517486

## **TAMPER-PROOF AND REUSABLE HIGH SECURITY SEAL**

SCELLE DE HAUTE SECURITE INVOLABLE ET REUTILISABLE CHAMP D'APPLICATION  
DE L'INVENTION

### **Patent Applicant/Patent Assignee:**

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(For all designated states except: US)

### **Patent Applicant/Inventor:**

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- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR  
(Nationality)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Francis**  
... .. KAISER Clement ; ... .. BOURRIERES Franck

### **Legal Representative:**

- **NOVATEC SA(agent)**  
350, Av d'Italie, ZA Albasud, f-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200760323	A1	20070531
Application	WO	2006FR2564		20061120
Priorities	FR	200511835		20051123

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID;  
IL; IN; IS; JP; KE; KG; KM; KN; KP; KR;

KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY;  
MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA;  
NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RS; RU; SC; SD; SE; SG; SK; SL; SM; SV;  
SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 4898

#### **Detailed Description:**

...dans un systeme ou un lieu a proteger par des personnes non autorisees et pour identifier et authentifier des objets comme etant des originaux. Les moyens modernes les plus communs sont... ...identificateur difficile ou impossible a reproduire a l'objet ou a l'etre vivant a identifier ou a authentifier. Comme on peut le constater, ce document ne fait pas reference a... ...sur un autre objet.

Le document WO 01/11591 decrit un dispositif qui permet d' identifier des objets. Cet identificateur presente la particularite de comporter une matrice de lentilles qui genere...

## **YOUR CASE**

**Dialog eLink:** [Order File History](#)

24/3K/4 (Item 3 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01368464

**METHOD AND DEVICE FOR VERIFICATION OF NON INTRUSION INTO A SYSTEM  
AND/OR NON-VIOLATION OF THE INTEGRITY OF AN OBJECT OR THE CONTENTS**

**THEREOF**

PROCEDE ET DISPOSITIF DE VERIFICATION DE NON INTRUSION DANS UN SYSTEME ET /  
OU DE NON ATTEINTE A L'INTEGRITE D'UN OBJET OU DE SON CONTENU

**Patent Applicant/Patent Assignee:**

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(For all designated states except: US)

**Patent Applicant/Inventor:**

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(Nationality); (Designated only for: US)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(Designated only for: US)
- **BOURRIERES Francis**  
... ..Designated only for: US)
- **KAISER Clement**  
... ..Designated only for: US)
- **BOURRIERES Franck**

**Legal Representative:**

- **NOVATEC SA(common-representative)**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200648542	A1	20060511
Application	WO	2005FR2706		20051027
Priorities	FR	200411734		20041104

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;  
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;



OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;  
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 9109

### English Abstract:

...characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical...

### French Abstract:

...physique (16) permettant de le relier au lieu a proteger ou a l'objet a identifier . Toute atteinte a l'integrite du scelle que ce soit a travers l'authentificateur et...

### Detailed Description:

...dans un systeme ou un lieu a proteger par des personnes non autorisees et pour identifier et authentifier des objets comme etant des originaux. Les moyens modernes les plus communs sont... ..identificateur difficile ou impossible a reproduire a l'objet ou a l'etre vivant a identifier ou a authentifier. Comme on peut le constater, ce document ne fait pas reference a... ..sur un autre objet.

Le document WO 01/11591 decrit un dispositif qui permet d' identifier des objets. Cet identificateur presente la particularite de comporter une matrice de lentilles qui genere... ..authentificateur physique au systeme ou au lieu ou a l'objet a proteger et a identifier de facon certaine est un fil s'integrant de facon definitive et irreversible a la... ..integre au dit authentificateur qui permet de l'associer au systeme a proteger ou a identifier et qu'une intrusion dans le systeme ou le lieu a proteger ou sur le...integration au systeme ou au lieu ou eventuellement a l'objet a proteger ou a identifier . Dans cette version Pauthentificateur volumique (3), par exemple a bulles est directement

integre lors de... ..20) qui est elle-meme fixee sur le systeme (2) a proteger et/ou a identifier par l'intermediaire des rivets visibles et accessibles de l'exterieur (1 8) 30 et...

#### **Claims:**

...qui permet de l'associer au systeme a proteger (1) (2) (25) (26) ou a identifier (20) (23) et qu'une intrusion dans le systeme ou le lieu a proteger ou... ..identificateur et le systeme ou le lieu ou l'objet a proteger et/ou a identifier .

18) Scelle d'authentification destine a prouver la non violation d'un systeme ou d... ..identificateur et le systeme ou le lieu ou l'objet a proteger et/ou a identifier 19) Scelle d'authentification destine a prouver la non violation d'un systeme ou d...

**Dialog eLink:** [Order File History](#)

24/3K/5 (Item 4 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01363256

#### **METHOD FOR MAKING SECURE TRANSACTIONS AND AUTHENTICATION OF OBJECTS OR DOCUMENTS**

PROCEDE DE SECURISATION DE TRANSACTIONS ET D'AUTHENTIFICATION D'OBJETS OU DE DOCUMENTS

#### **Patent Applicant/Patent Assignee:**

- **NOVATEC SA**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(For all designated states except: US)

#### **Patent Applicant/Inventor:**

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(Designated only for: US)
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321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR  
(Nationality); (Designated only for: US)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(Designated only for: US)

- **BOURRIERES Francis**  
... ..Designated only for: US)
- **KAISER Clement**  
... ..Designated only for: US)
- **BOURRIERES Franck**

**Legal Representative:**

- **NOVATEC SA(common-representative)**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200642913	A1	20060427
Application	WO	2004FR2676		20041019

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 4769

**English Abstract:**

...comprising a number (4) and a remote database (5) connected to a telecommunications network. An identifier (3) in the form of code of bubbles self-generated in chaotic manner whereof the... ..in the form of a barcode, or in an electronic label. A representation of said identifier in the form of an image (6) and/or digital signature (7) is stored in... ..remote database (5) at the same number (4) as the one on the support. Said identifier (3) constitutes a tamper-resistant link between the magnetic track (1) or the chip or... ..written on the card (2), the link is authenticated by comparing the representation of the identifier stored in said database (5) and the actual identifier (3). If they match, the transaction is authorized or the authentication validated. Two authentication modes... ..comparison of the image signatures and the second is automatic by automatic comparison of the identifier digital signatures. The bubbles code can integrate the brand logo to be protected by superimposition.

#### **Detailed Description:**

...un procede de fabrication et  
d'identification d'un document ainsi que le dispositif pour identifier ledit document. L'objet de ce brevet concerne un depot aleatoire de particules finement divisees...

**Dialog eLink:** [Order File History](#)

24/3K/6 (Item 5 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01133152

#### **METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER**

PROCEDE D'IDENTIFICATION ET D'AUTHENTIFICATION SANS LECTEUR SPECIFIQUE  
D'UN IDENTIFICATEUR

METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN  
IDENTIFIER

#### **Patent Applicant/Patent Assignee:**

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(For all designated states except: US)

#### **Patent Applicant/Inventor:**

- **BOURRIERES Francis**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR(Residence); FR(Nationality);  
(Designated only for: US)

- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyat, F-82000 Montauban; FR; FR(Residence);  
FR(Nationality); (Designated only for: US)
- **BOURRIERES Francis**  
... ..Designated only for: US)
- **KAISER Clement**

**Legal Representative:**

- **NOVATEC SA(agent)**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200454444	A1	20040701
Application	WO	2003FR3668		20031210
Priorities	FR	200215783		20021213

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,  
BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB,  
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,  
MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD,  
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 3348

**English Abstract:**

The invention concerns a method for identifying and authenticating without specific reader a three-dimensional identifier (1), (9), (10), (11) affixed to an object or to a living being using human... ..in particular stereoscopic vision (A) and touch (A') enabling appreciation of the peculiarity of the identifier which renders the latter difficult or impossible to reproduce such as for example heterogeneous elements... ..then carried out by visual comparison (B) of a two-dimensional image representing (2) the identifier (1), (9), (10), (11) stored in a database (4) accessible through the network (5) and the identifier himself.

### Detailed Description:

...UN

ETRE VIVANT

DOMAINE D'APPLICATION

La presente invention vise a proposer un moyen -pour identifier et authentifier un identificateur rattache a des objets ou a des etres vivants sans necessiter... ..tracabilite ou la securite.

### ETAT DE L'ART

A ce jour, plusieurs moyens existent pour identifier ou authentifier les objets ou les etres vivants. Un moyen repandu consiste a apposer un... ..a la particularite de presenter des caracteristiques physiques remarquables qui peuvent etre directement utilisees pour identifier ladite personne. Dans la presente invention comme cela sera vu plus loin, la demanderesse a... ..un objet ou a un etre vivant que l'on souhaite marquer et non a identifier ou a authentifier l'objet ou l'etre vivant lui-meme. Par consequent l'objet... ..vivant.

### DESCRIPTION DE L'INVENTION.

La presente invention vise a proposer un procede humain pour identifier et authentifier des identificateurs rattaches a des objets ou a des etres vivants sans les ... ..un reseau et l'identificateur lui-meme. Ainsi, cette invention permet de reconnaitre et d' identifier de facon indirecte des objets identiques, ce qui est particulierement nouveau et inventif

A titre... ..de l'invention,

l'identificateur peut etre rattache de maniere inviolable a l'objet a identifier ou a authentifier.

D'autres caracteristiques de l'invention apparaitront a la lecture des figures ... ..virtuellement ou de maniere physique a l'objet ou a l'etre vivant (6) a identifier . Dans le cas present et de maniere a faciliter les operations d'identification, une iniage... ..rendre l'identificateur inviolable, il peut etre judicieux de le coller sur l'objet a identifier , de sorte que si l'on cherche a le decoller on le deteriore de facon...

DIALOG(R)File 350: Derwent WPIX  
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0015874340

WPI Acc no: 2006-406017/200642

XRPX Acc No: N2006-338666

**Sealed container e.g. case, tracing and authenticating method, involves associating mobile and/or fixed databases which store and associate representation of identifier to nature, origin, destination and quantity of goods in container**

Patent Assignee: NOVATEC SA (NOVA-N); SOC NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 3 patents, 112 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2878634	A1	20060602	FR 200412718	A	20041201	200642	B
WO 2006058996	A1	20060608	WO 2005FR2972	A	20051125	200642	E
EP 1817749	A1	20070815	EP 2005822894	A	20051125	200755	E
			WO 2005FR2972	A	20051125		

Priority Applications (no., kind, date): FR 200412718 A 20041201

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
FR 2878634	A1	FR	13	0		
WO 2006058996	A1	FR				
Regional Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
EP 1817749	A1	FR			PCT Application	WO 2005FR2972
					Based on OPI patent	WO 2006058996
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR					

...authenticating method, involves associating mobile and/or fixed databases which store and

**associate representation of identifier to nature, origin, destination and quantity of goods in container** Inventor: BOURRIERES F ... KAISER C **Alerting Abstract** ...NOVELTY - The method involves associating a seal integrating a unique and non-modifiable identifier to ensure closing of a container. A mobile secured database accompanying the container and/or... and/or in transit. The databases permits to store and associate a representation of the identifier to the nature, origin, destination and quantity of goods carried away in the container. ...ADVANTAGE - The association of the databases storing and associating the representation of the identifier to the nature, origin, destination and quantity of goods permits to trace and authenticate the... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES, Francis ... KAISER, Clement ... BOURRIERES F ... KAISER C ... BOURRIERES, Francis ... KAISER, Clement

**Dialog eLink:** [Order File History](#)

24/3,K/8 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015773708 & *Drawing available*

WPI Acc no: 2006-335103/200635

XRPX Acc No: N2006-283782

**System e.g. computer, non-intrusion or object e.g. cargo, integrity non-violation verification method, involves connecting identifier by wire to site/system/object, so that tentative opening of site/system/object modifies identifier/wire**

Patent Assignee: NOVATEC SA (NOVA-N); SOC NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 5 patents, 112 & countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2877472	A1	20060505	FR 200411734	A	20041104	200635	B
WO 2006048542	A1	20060511	WO 2005FR2706	A	20051027	200635	E
EP 1810266	A1	20070725	EP 2005815185	A	20051027	200750	E
			WO 2005FR2706	A	20051027		
CN 101053003	A	20071010	CN 200580037826	A	20051027	200820	E
			WO 2005FR2706	A	20051027		
US 20080142671	A1	20080619	WO 2005FR2706	A	20051027	200843	E
			US 2007718205	A	20070427		

Priority Applications (no., kind, date): FR 200411734 A 20041104

National	AE AG AL AM AT AU <del>BE</del> <del>BR</del> <del>CA</del> <del>CH</del> <del>CN</del> <del>CO</del> <del>CR</del> <del>CZ</del>
Patent Number	DE DK DM DZ EC EE EG ES FI GB GD GE GH GI HK HU ID IL IN IS JP KE
Designated	KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW
States Original	MX MZ NA NG NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM
WO 2006048542	SY TJ TT TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW



Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
EP 1810266	A1	FR			PCT Application	WO 2005FR2706
					Based on OPI patent	WO 2006048542
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR					
CN 101053003	A	ZH			PCT Application	WO 2005FR2706
					Based on OPI patent	WO 2006048542
US 20080142671	A1	EN			PCT Application	WO 2005FR2706

...computer, non-intrusion or object e.g. cargo, integrity non-violation verification method, involves connecting identifier by wire to site/system/object, so that tentative opening of site/system/object modifies identifier /wire Inventor: BOURRIERES F ... KAISER C **Alerting Abstract** ...NOVELTY - The method involves utilizing a physical unique and non-reproducible identifier (3), with bubbles formed by a chaotic process, whose representation is stored in a database. A wire is provided for connecting the identifier to a site/system/object, such that any tentative opening of the site/system/object modifies the identifier to render the identifier non reusable and/or modifies the wire, in a visible manner. ... **ADVANTAGE** - The modification of the identifier and/or the wire in a visible manner, during tentative opening of the site/system/object, permits verification of the integrity of the identifier and its correspondence with its stored representation, thus preventing act of malice. The method thus... intrusion or violation. The bubbles are formed by the chaotic process during manufacturing of the identifier, thus preventing reproducing of the identifier in a definite way... 3 Identifier Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES F ... KAISER C ... BOURRIERES, Francis ... KAISER, Clement ... BOURRIERES F ... KAISER C ... Bourrieres, Francis ... Kaiser, Clement ... BOURRIERES, Francis ... KAISER, Clement ...**Original Abstracts:**characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical... characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical... characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical... physique (16) permettant de le relier au lieu a proteger ou a l'objet a identifier. Toute atteinte a l'integrite du scele que ce soit a travers l'authentificateur et...

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 24/3,K/9 (Item 3 from file: 350)  
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0015754827 & *Drawing available*

WPI Acc no: 2006-316608/200633

XRPX Acc No: N2006-269204

**Transaction securing and object/document e.g. passport, authenticating method for e.g. Internet, involves comparing representation of bubbles code form identifier in form of image and/or digital signature stored in database and identifier**

Patent Assignee: NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 1 patents, 106 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2006042913	A1	20060427	WO 2004FR2676	A	20041019	200633	B

Priority Applications (no., kind, date): WO 2004FR2676 A 20041019

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2006042913	A1	FR	26	4	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				

**...g. passport, authenticating method for e.g. Internet, involves comparing representation of bubbles code form identifier in form of image and/or digital signature stored in database and identifier** Inventor: BOURRIERES F ... KAISER C **Alerting Abstract** ...NOVELTY - The method involves physically attaching an identifier (3), in the form of bubbles code, to a card or label comprising a number (4). A representation of the identifier in the form of an image (6) and/or digital signature (7) is stored in a remote database (5) at the number. The identifier constitutes a tamper-resistant link authenticated by comparing the representation and the actual identifier (3), upon a call from the database. ...ADVANTAGE - The comparison of the representation of the bubbles code form identifier in the form of an image or digital signature stored in the remote database and the actual bubbles code form identifier permits to secure and authorize transaction or validate the authentication of the objects or documents... ..inexpensive manner. The use of the bubbles code enables to prevent the dissimulation of

the identifier , and constitute a dissuasion unit with respect to forgers who are unable to reproduce it...  
 ...protected by superimposition. The authentication can be performed by visual or automatic comparison  
 of the identifier digital signatures or images....3 Identifier Original Publication Data by  
 AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES, Francis ... KAISER,  
 Clement ...**Original Abstracts:**comprising a number (4) and a remote database (5) connected to a  
 telecommunications network. An identifier (3) in the form of code of bubbles self-generated in chaotic  
 manner whereof the characteristic is to be... ... in the form of a barcode, or in an electronic label. A  
 representation of said identifier in the form of an image (6) and/or digital signature (7) is stored in a  
 remote database (5) at the same number (4) as the one on the support. Said identifier (3) constitutes a  
 tamper -resistant link between the magnetic track (1) or the chip or RFID or code and... ... written on the  
 card (2), the link is authenticated by comparing the representation of the identifier stored in said  
 database (5) and the actual identifier (3). If they match , the transaction is authorized or the  
 authentication validated. Two authentication modes are possible: the first... ... comparison of the image  
 signatures and the second is automatic by automatic comparison of the identifier digital signatures. The  
 bubbles code can integrate the brand logo to be protected by superimposition...

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24/3.K/10 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014918049 & *Drawing available*

WPI Acc no: 2005-265740/200528

XRPX Acc No: N2005-218522

**Card e.g. bank card, transaction securitization method for shop, involves authenticating  
 connection between card and database by comparison between representation of identifier and  
 real identifier for authorizing transaction by card**

Patent Assignee: NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 2 patents, 2 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2860670	A1	20050408	FR 200311527	A	20031002	200528	B
US 20050075984	A1	20050407	US 2003712659	A	20031113	200528	E

Priority Applications (no., kind, date): FR 200311527 A 20031002

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
FR 2860670	A1	FR	13	2	

**...method for shop, involves authenticating connection between card and database by comparison  
 between representation of identifier and real identifier for authorizing transaction by card**

**Original Titles:**Method to make transactions secure by means of cards having unique and non-reproducible identifiers Inventor: BOURRIERES F ... .. KAISER C **Alerting Abstract** ...NOVELTY - The method involves integrating a real identifier (3) with a card (2) having a magnetic track (1) with a number (4). A representation of the identifier in the form of an image (6) and digital signature (7) is stored in a... ..connection between the card and database is authenticated by comparison between the representation of the identifier and the real identifier for authorizing transaction by the card. ...3 Real identifier Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. Bourrieres, Francis ...**Original Abstracts:**and a remote database (5) connected to a telecommunications network. A unique and non-reproducible identifier (3) in the form of a bubble code is physically affixed to the card (2)... .. magnetic strip, of a bar code, or in an electronic label. One representation of this identifier (6) and or (7) is stored in the remote database (5) at the same number (4) as that present on the medium. This identifier (3) constitutes an unforgeable link between the magnetic strip (1) and the database (5). When... .. recorded on the card, a link authentication is performed by comparing the representation of the identifier stored in said database and the actual identifier.

>...**Claims:**5) connected to a telecommunications network (9), characterized in that a unique and non-reproducible identifier (3) is physically integrated in the medium (2) comprising the number (4), this identifier (3) constitutes an unforgeable link between the number (4) located on the medium and information... .. 4) in the database (5), said stored information comprises at least one representation of the identifier comprising an image (6) and/or a digital signature (7) of the unique and non-reproducible identifier (3), the link authentication is performed by means of a comparison between a representation of the identifier (6 or 7) stored in said database (5) and the identifier (3) located on the medium (2), and if there is agreement, the transaction is authorized.

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24/3,K/11 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014283880 & & *Drawing available*

WPI Acc no: 2004-470455/200445

XRPX Acc No: N2004-371802

**Method of identification and authentication without specific reader of marking on an object or living thing, uses visual comparison between marking and image of mark held on database and sent over communication network**

Patent Assignee: NOVATEC (NOVA-N); NOVATEC SA (NOVA-N); NOVATEK SA (NOVA-N)

Inventor: BORRIERES F; BOURRIERES F; KAISER C

Patent Family		WO 2003FR3668 & c	Country	20031210		
Patent Number	Kind	Application Number	Kind	Date	Update	Type
FR 2848698	A1	20040618	WO 2003FR3668	A	20031210	200445 B
WO 2003024444	A1	20040900	WO 2003FR3668	A	20031210	200479 E
AU 2003296814	A1	20040709	WO 2003FR3668	A	20030330	200474 E
BR 20060658303	A1	20060809	WO 2003FR3668	A	20031010	200638 E



Regional Designated States, Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR									
DE 60319134	E	DE				Application	EP 2003813160			
						PCT Application	WO 2003FR3668			
						Based on OPI patent	EP 1578268			
						Based on OPI patent	WO 2004054444			
ES 2300659	T3	ES				Application	EP 2003813160			
						Based on OPI patent	EP 1578268			
RU 2335015	C2	RU				PCT Application	WO 2003FR3668			
						Based on OPI patent	WO 2004054444			
US 7438237	B2	EN				PCT Application	WO 2003FR3668			
						Based on OPI patent	WO 2004054444			
DE 60319134	T2	DE				Application	EP 2003813160			
						PCT Application	WO 2003FR3668			
						Based on OPI patent	EP 1578268			
						Based on OPI patent	WO 2004054444			

**Original Titles:**METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ... ..METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ... ..METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ... ..Method for identification and authenticating without specific reader an identifier ... ..Method for identification and authenticating without specific reader an identifier ... ..METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ...Inventor: BOURRIERES F ... .. KAISER C Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES F ... .. KAISER C ... .. KAISER C ... .. BOURRIERES F ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. KAISER C ... .. KAISER C, FR ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. KAISER C ... .. KAISER, Clement ... .. Bourrieres, Francis ... .. KAISER, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES F ... .. KAISER C **Original Abstracts:**The invention concerns a method for identifying and authenticating without specific reader a three-dimensional identifier (1), (9), (10), (11) affixed to an object or to a living being using human... .. in particular stereoscopic vision (A) and touch (A') enabling appreciation of the peculiarity of the identifier which renders the latter difficult or impossible to reproduce such as for example heterogeneous elements... .. then carried out by visual comparison (B) of a two-dimensional image representing (2) the identifier (1), (9), (10), (11) stored in a database (4) accessible through the network (5) and the identifier himself... .. Identification and authentication procedure without specific reader of a three-dimensional identifier (1), (9), (10), (11)

attached to an object or living being by using sensory capabilities... capabilities (A) and its tactile sense (Aprime) permitting the appreciation of the particularity of the identifier which renders the latter difficult or impossible to reproduce which are, for example, heterogeneities mixed... carried by the visual comparison (B) of a two-dimensional representation image (2) of the identifier (1) (9) (10) (11) stored in a database (4) accessible by a network (5) and the identifier himself... Identification and authentication procedure without specific reader of a three-dimensional identifier (1), (9), (10), (11) attached to an object or living being by using sensory capabilities... capabilities (A) and its tactile sense (Aprime) permitting the appreciation of the particularity of the identifier which renders the latter difficult or impossible to reproduce which are, for example, heterogeneities mixed... carried by the visual comparison (B) of a two-dimensional representation image (2) of the identifier (1) (9) (10) (11) stored in a database (4) accessible by a network (5) and the identifier himself... The invention concerns a method for identifying and authenticating without specific reader a three-dimensional identifier (1), (9), (10), (11) affixed to an object or to a living being using human... in particular stereoscopic vision (A) and touch (A') enabling appreciation of the peculiarity of the identifier which renders the latter difficult or impossible to reproduce such as for example heterogeneous elements... then carried out by visual comparison (B) of a two-dimensional image representing (2) the identifier (1), (9), (10), (11) stored in a database (4) accessible through the network (5) and the identifier himself... **Claims:** process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... human eye (12) to verify the three-dimensional appearance guaranteeing the authenticity of the aforementioned identifier (1) and that the identification or reading being made by visual comparison (B) of a two-dimensional image (2) of the identifier (1) stored in a database (4) accessible by a network (5), and the identifier himself (1... a specific reader, for identifying an object the process characterized in that: a three-dimensional identifier is attached to the review object, the identifier presenting three-dimensional heterogeneities distributed in a random manner within a transparent material rendering the identifier difficult or impossible to reproduce, the process uses stereoscopic vision (A) of the human eye (12) to verify a three-dimensional appearance and confirm the authenticity of the three-dimensional identifier (1), and the identification process or reading is made by visual comparison (B) of a two-dimensional first image (2) of the three-dimensional identifier (1) stored in a database (4) accessible by a network (5), to the three-dimensional identifier (1).

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24/3,K/12 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010935318 & *Drawing available*

WPI Acc no: 2001-557584/200162

XRPX Acc No: N2001-414369

**Method for identifying and authenticating objects, human beings, or transactions designed to optimize reading of a non reproducible identifier**

Patent Assignee: BOURRIERES F (BOUR-I); KAISER C (KAIS-I); NOVATEC SA (NOVA-N); SOC NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 13 patents, 92 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001057831	A1	20010809	WO 2001FR322	A	20010202	200162	B
FR 2804783	A1	20010810	FR 20001403	A	20000204	200162	E
FR 2804784	A1	20010810	FR 200012860	A	20001009	200162	E
AU 200131967	A	20010814	AU 200131967	A	20010202	200173	E
EP 1252616	A1	20021030	EP 2001904039	A	20010202	200279	E
			WO 2001FR322	A	20010202		
US 20030014647	A1	20030116	WO 2001FR322	A	20010202	200308	E
			US 2002182967	A	20020801		
JP 2003521717	W	20030715	JP 2001557005	A	20010202	200347	E
			WO 2001FR322	A	20010202		
EP 1252616	B1	20050907	EP 2001904039	A	20010202	200559	E
			WO 2001FR322	A	20010202		
DE 60113232	E	20051013	DE 60113232	A	20010202	200568	E
			EP 2001904039	A	20010202		
			WO 2001FR322	A	20010202		
ES 2248279	T3	20060316	EP 2001904039	A	20010202	200622	E
DE 60113232	T2	20060706	DE 60113232	A	20010202	200645	E
			EP 2001904039	A	20010202		
			WO 2001FR322	A	20010202		
DE 60113232	T9	20061207	DE 60113232	A	20010202	200680	E
			EP 2001904039	A	20010202		
			WO 2001FR322	A	20010202		
US 7380128	B2	20080527	WO 2001FR322	A	20010202	200835	E
			US 2002182967	A	20020801		

Priority Applications (no., kind, date): FR 20001403 A 20000204; FR 20003148 A 20000313; FR 200012860 A 20001009

Regional Designated States, Original	Patent Details															
	Kind	App	Base	Bray	IR	TZ	UG	ZW	Filing Notes							
WO 2001057831	A1	FR	23	4					Based on OPT patent							
AU 200131967	A	EN							PCT Application							
EP 1252616	OM	DZ	EE	ES	FI	GB	GD	GE	GH	GN	GR	HR	IL	IN	IS	JP
Designated States, Original	LC	LK	LR	LS	LT	LU	LV	MD	MG	ML	MN	MR	MX	MZ	NO	NP
Regional	SD	SE	SG	SI	SK	SL	SM	SN	SR	ST	TG	TH	TI	TJ	TZ	UA



Designated States, Original	RO SE SI TR					
US 20030014647	A1	EN			PCT Application	WO 2001FR322
JP 2003521717	W	JA	20		PCT Application	WO 2001FR322
					Based on OPI patent	WO 2001057831
EP 1252616	B1	FR			PCT Application	WO 2001FR322
					Based on OPI patent	WO 2001057831
Regional Designated States, Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
DE 60113232	E	DE			Application	EP 2001904039
					PCT Application	WO 2001FR322
					Based on OPI patent	EP 1252616
					Based on OPI patent	WO 2001057831
ES 2248279	T3	ES			Application	EP 2001904039
					Based on OPI patent	EP 1252616
DE 60113232	T2	DE			Application	EP 2001904039
					PCT Application	WO 2001FR322
					Based on OPI patent	EP 1252616
					Based on OPI patent	WO 2001057831
DE 60113232	T9	DE			Application	EP 2001904039
					PCT Application	WO 2001FR322
					Based on OPI patent	EP 1252616
					Based on OPI patent	WO 2001057831
US 7380128	B2	EN			PCT Application	WO 2001FR322
					Based on OPI patent	WO 2001057831

...and authenticating objects, human beings, or transactions designed to optimize reading of a non reproducible identifier Inventor: BOURRIERES F ... KAISER C Alerting Abstract ...NOVELTY - Reading of unique non - reproducible volume identifier (100) of type including mix of at least two distinguishable materials (110,120). Recognize internal heterogeneous structure in two dimensions of the identifier then show evidence to prove its third dimension. Show the volume disposition of material arrangement contained in identifier by analysis of shadows (121) generated by material as function of incidence angle of light with respect to the identifier . DESCRIPTION - The identifier contains bubbles (120). Read and show the volume disposition of the bubbles contained in the identifier (100) by successive submission, without delay of the identifier , to a diffused light produced by a projection (700) along two dimensions of the bubble....110) so as to prove its volume aspect. Show the volume

disposition (800) of the identifier (100) by analysis of the shapes reflected by the bubbles (120) contained in the identifier (100) as a function of the illumination. The method uses a bank of lamps passing... ..to create diffuse lighting or a single set is illuminated to create a beam. The identifier is a transparent material (110) whose bubbles are auto-generated by a thermal process during... ..100 identifier Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. KAISER C ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement

**Dialog eLink:** [Order File History](#)

24/3.K/13 (Item 1 from file: 371)

DIALOG(R)File 371: French Patents

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000994462 **\*\*Image available\*\***

**Title: PROCEDE UNIVERSEL D'IDENTIFICATION ET D'AUTHENTIFICATION D'OBJETS, DE VEGETAUX OU D'ETRES VIVANTS**

**Patent** NOVATEC (SIREN No. 399620749 )

**Applicant/Assignee:**

**Applicant Address:** NOVATEC (Soci t anonyme) - Deposant - 350 AVENUE D ITALIE ZA ALBASUD 82000 MONTAUBAN (FR-82000)

**Inventor(s):** BOURRIERES FRANCIS - CHEMIN DU QUART LES BARDONIS 82000 MONTAUBAN (FR-82000)  
KAISER CLEMENT - 321 CHEMIN DES CABOUILLOUS LE CARREYRAT 82000 MONTAUBAN (FR-82000)

**Legal Representative:** DELHAYE

**Document Type:** Patent / Brevet

**Patent and Priority Information (Country, Number, Date):**

**Patent:** FR 2804784 - 20010810

**Application:** FR 0012860 - 20001009

**Priority Application:** FR 001403 - 20000204

FR 003148 - 20000313

**Legal Status**

Type	Action Date	BOPI No	Description
Publication	20010810	0132	Date published
Search Report	20010810	0132	Date Search Report published

**Inventor(s):** BOURRIERES FRANCIS - ... .. KAISER CLEMENT -

**Abstract:**

...identification ou identificateur lie materiellement au non aux objets, vegetaux, etres vivants, ou services a identifier , remarquable en ce consiste a realiser des identificateurs volumiques (7) avec un melange heterogene etc...

**Dialog eLink:** [Order File History](#)

24/3,K/14 (Item 2 from file: 371)

DIALOG(R)File 371: French Patents

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000994461 **\*\*Image available\*\***

**Title: PROCEDE UNIVERSEL D'IDENTIFICATION ET D'AUTHENTIFICATION D'OBJETS, DE VEGETAUX OU D'ETRES VIVANTS**

**Patent** NOVATEC SA (SIREN No. 399620749 )

**Applicant/Assignee:**

**Applicant Address:**

SOCIETE NOVATEC SA (Soci t anonyme) - Deposant - 350 AVENUE D  
ITALIE ZA ALBASUD 82000 MONTAUBAN (FR-82000)

**Inventor(s):**

BOURRIERES FRANCIS - CHEMIN DU QUART LES BARDONIS 82000  
MONTAUBAN (FR-82000)

KAISER CLEMENT - 321 CHEMIN DES CABOUILLOUS LE  
CARREYRAT 82000 MONTAUBAN (FR-82000)

**Legal Representative:** SOCIETE NOVATEC SA

**Document Type:** Patent / Brevet

**Patent and Priority Information (Country, Number, Date):**

**Patent:** FR 2804783 - 20010810

**Application:** FR 001403 - 20000204

**Priority Application:** FR 001403 - 20000204

**Legal Status**

Type	Action Date	BOPI No	Description
Publication	20010810	0132	Date published

**Inventor(s):** BOURRIERES FRANCIS - ... .. KAISER CLEMENT -

**Abstract:**

...d'objets, de vegetaux ou d'etres vivants.L'invention concerne un procede permettant d' identifier et d'authentifier des objets, des vegetaux, des personnes ou des animaux.II met en...  
images are to be...

### **III. Patent Files from Dialog**

File 324:GERMAN PATENTS FULLTEXT 1967-200915

(c) 2009 UNIVENTIO/THOMSON

File 348:EUROPEAN PATENTS 1978-200915

(c) 2009 European Patent Office

File 349:PCT FULLTEXT 1979-2009/UB=20090402IUT=20090326

(c) 2009 WIPO/Thomson  
 File 344:Chinese Patents Abs Jan 1985-2006/Jan  
 (c) 2006 European Patent Office  
 File 347:JAPIO Dec 1976-2008/Oct(Updated 090220)  
 (c) 2009 IPO & JAPIO  
 File 350:Derwent WPIX 1963-2009/UD=200919  
 (c) 2009 Thomson Reuters  
 File 371:French Patents 1961-2002/BOPI 200209  
 (c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	62315	(CHARGE OR CREDIT OR DEBIT)(CARD OR CARDS OR INSTRUMENT?) OR CREDITCARD? OR CHARGECARD? OR DEBITCARD? OR SMARTCARD?
S2	6100	S1(5N)(AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERII-Y OR VERII-YING OR VERIFIES OR VERIFICATION)
S3	10245	S1(5N)(VALID? OR IDENTIF? OR DETERMIN? OR CONFIRM?)
S4	237445	IDENTIFIER??
S5	0	S4(5N)(UNIQUE)VOLUME(BASED)
S6	35357	S4(5N)UNIQUE
S7	7	S4(5N)(NON)REPRODUCIBLE)
S8	237445	S4(5N)(CODE? ? OR CODING? OR INDICATOR? OR IDENTIFIER? OR - NUMBER? OR NUMERIC OR NUMERAL? OR SEAL OR SEALS OR IMAGE OR I-MAGES)
S9	223719	BUBBLE OR BUBBLES
S10	327	S9(5N)RANDOM
S11	0	S9(5N)(SELF)GENERATING)
S12	141	S9(5N)(CODE OR CODES OR CODED)
S13	71	S9(5N)AFFIXED
S14	426	S9(5N)(COMPARE OR COMPARES OR COMPARING OR MATCH OR MATCHES OR MATCHING)
S15	104274	MAGNETIC)STRIP?? OR BARCODE? OR BAR)CODE?? OR ELECTRONIC-(LABEL?? OR UNFORGEABLE)LINK??
S16	409	AU=(BOURRIERES, F? OR BOURRIERES F? OR KAISER, C? OR KAISER C? OR FRANCIS(2N)BOURRIERES OR CLEMENT(2N)KAISER OR FRANK(2N-)BOURRIERES)
S17	14042	S2 OR S3
S18	4226	S17 AND (S5:S8)
S19	3	S18 AND (S10:S14)
S20	0	S16 AND S17
S21	0	S16 AND S1
S22	0	S16 AND CREDITCARD?
S23	0	S16 AND (CREDIT)CARD??)
S24	14	S16 AND IDENTIFIER?

?

**Dialog eLink:** [Order File History](#)  
 19/3K/1 (Item 1 from file: 348)  
 DIALOG(R)File 348: EUROPEAN PATENTS  
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01884457

### Universal forms engines

Verfahren zum Bezahlen für die Erfassung und Benutzung von medizinischer Ausrüstung  
Moteur universel pour formulaires

### Patent Assignee:

- **Collegenet, Inc.;** (2907000)  
Suite 100, One S.W. Columbia; Portland, OR 97258; (US)  
(Applicant designated States: all)

### Inventor:

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805 SW Broadway, Suite 1600; Portland, Oregon 97205; (US)
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16999 S.W. Siler Rodge Lane; Beaverton, OR 97007; (US)
- **Price, Raymond L.**  
805 SW Broadway, Suite 1600; Portland, Oregon 97205; (US)
- **Wolfston, James H., Jr.**  
805 SW Broadway, Suite 1600; Portland, OR 97205; (US)
- **Hertz, Andree J.**  
16181 N.W. Jocelyn Road; Beaverton, OR 97006; (US)

### Legal Representative:

- **Schurack, Eduard, Dr. et al (88024)**  
Hofstetter, Schurack & Skora Patentanwälte Balanstrasse 57; 81541 München; (DE)

	Country	Number	Kind	Date	
Patent	EP	1522947	A2	20050413	(Basic)
	EP	1522947	A3	20050504	
Application	EP	2005000076		19990604	
Priorities	US	88123	P	19980604	
	US	325533		19990603	

### Designated States:

DE; ES; FR; GB; IT;

**Related Parent Numbers: Patent (Application):**EP 1084474 (EP 99927242)

**International Patent Class (V7):** G06F-017/24; G06F-017/60**Abstract Word Count:** 243

**NOTE:** 15

**NOTE: Figure number on first page:** 15

Legal Status	Type	Pub. Date	Kind	Text
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**Language** Publication: English

Procedural: English

Application: English

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS A		(English)	200515	1807
SPEC A		(English)	200515	11498
Total Word Count (Document A) 13305				
Total Word Count (Document B) 0				
Total Word Count (All Documents) 13305				

**Specification:** ...that assists a user to complete forms from the Internet. Forms are downloaded, and a "bubble" generated by control code allows a user to select information to be entered into a field in the form...all subsequent applications.

In the preferred embodiment, each attribute used to characterize applicants has a unique identifier or alias. The unique identifier allows the engine to recognize when the same information is being described by different labels... the User Attribute Table. The primary key of the User Attribute Table is a user identifier (the users log-on name), whereas the primary key of the User Attribute Sent Table is a Transaction Identifier, which identifies a unique combination of user, application, and application term. Thus, there can be multiple records for a... user has submitted multiple applications or the same application for different application terms.

The Transaction Identifier is the same identifier used in the Transactions Table, described below. Thus, one can scan the Transactions Table for Transaction Identifiers that correspond to applications that are shown as having been submitted, and then use those identifiers to look up data related to those applications in the User Attribute Sent table.

Second... Table

The Institutions Table includes a row for each institution. Each row includes an Institution Identifier, an Institution Name, an identifier for a parent institution if any, and other information about the institution.

Institutions can also... access only to applications to that school.

Each row in the Contact Table includes a unique Contact Identifier, an Institutional Identifier, which defines the institution or group of institutions to which access is granted, and the... the application terms that are currently available. Each row of the Terms Table includes a unique Term Identifier, a Term Key, the start and expiration dates for applications to the institution for the... described in the Institutions Table. Each row in the Institution-Application Table includes an Application Identifier, an

Institution Identifier , status of the application, type of the application, and information pertinent to the particular application... ..added to the Transaction Operations Table. Each row of the Transaction Operations Table includes the unique Operation Identifier , a Transaction Identifier (described below with the Transaction Table), a code indicating which operation the row represents, a contact identifier , and a time stamp indicating the date and time of the operation. Operations include, for... ..that a user has accessed and saved. Each entry in the Transaction Table includes a unique Transaction Identifier , a User Identifier , an Application Identifier , a Term Identifier , and a code indicating the state of the application. The Transaction Identifier represents a unique combination of User Identifier , Application Identifier , and Application Term. There is exactly one row in the Transaction Table for each Transaction Identifier . The application state can be, for example, 'in progress', 'submitted', 'payment received', and 'acknowledged by the institution,' etc. Each entry also includes an order identifier , a text string that includes the User Identifier , the Application Identifier and a time stamp. The Order Identifier is used for credit card settlement and in correspondence with the institution.

When a user accesses an application, the universal... ..new transaction is begun. An new entry is inserted in the Transaction Table. A Transaction Identifier is assigned when the user requests an explicit save operation or a "save and send" operation for the new application. A Transaction Identifier is not assigned merely on the basis of a page flip on a multipage form.

Once the user selects the "Save, Pay and Send" button, the Term, Term Identifier and Order Identifier fields are populated, and the state is set to indicated the application has been submitted. Upon payment, a Payment Operation field is populated with the Operation Identifier for the payment operation, and the state is set to indicate that payment has been...

**Dialog eLink:** [Order File History](#)

19/3K/2 (Item 2 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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01116756

**UNIVERSAL FORMS ENGINE**

UNIVERSELLE FORMULAR-MASCHINE

MOTEUR UNIVERSEL POUR FORMULAIRES

**Patent Assignee:**

- **Collegenet, Inc.;** (2907000)  
Suite 100, One S.W. Columbia; Portland, OR 97258; (US)  
(Proprietor designated states: all)

**Inventor:**



- **HITCHCOCK, Michael D.**  
Suite 100, One S.W. Columbia; Portland, OR 97258; (US)
- **WOLFSTON, James H. Jr.**  
Suite 100, One S.W. Columbia; Portland, OR 97258; (US)
- **STEDMAN, John, W.**  
16999 S.W. Siler Ridge Lane; Beaverton, OR 97007; (US)
- **HERTZ, Andree, J.**  
16181 N.W. Jocelyn Road; Beaverton, OR 97006; (US)
- **PRICE, Raymond L.**  
Suite 100, One S.W. Columbia; Portland, OR 97258; (US)

**Legal Representative:**

- **Schurack, Eduard F. et al (88021)**  
Hofstetter, Schurack & Skora Balanstrasse 57; 81541 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	1084474	A1	20010321	(Basic)
	EP	1084474	B1	20050119	
	WO	1999063454		19991209	
Application	EP	99927242		19990604	
	WO	99US12539		19990604	
Priorities	US	88123	P	19980604	
	US	325533		19990603	

**Designated States:**

DE; ES; FR; GB; IT;

**Related Divisions: Patent (Application):** (EP 2005000076)

**International Patent Class (V7):** G06F-017/24

**NOTE:** No A-document published by EPO

Legal Status Type	Pub. Date	Kind	Text
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**Language** Publication: English

Procedural: English

Application: English

Fulltext Availability	Available Text	Language	Update	Word Count
CLAIMS B		(English)	200503	1719
CLAIMS B		(German)	200503	1636
CLAIMS B		(French)	200503	1815

Fulltext Availability	Available Text	Language	Update	Word Count
SPEC B		(English)	200503	11422
Total Word Count (Document A) 0				
Total Word Count (Document B) 16592				
Total Word Count (All Documents) 16592				

**Specification:** ...that assists a user to complete forms from the Internet. Forms are downloaded, and a "bubble" generated by control code allows a user to select information to be entered into a field in the form...all subsequent applications.

In the preferred embodiment, each attribute used to characterize applicants has a unique identifier or alias. The unique identifier allows the engine to recognize when the same information is being described by different labels... the User Attribute Table. The primary key of the User Attribute Table is a user identifier (the users log-on name), whereas the primary key of the User Attribute Sent Table is a Transaction Identifier, which identifies a unique combination of user, application, and application term. Thus, there can be multiple records for a... user has submitted multiple applications or the same application for different application terms.

The Transaction Identifier is the same identifier used in the Transactions Table, described below. Thus, one can scan the Transactions Table for Transaction Identifiers that correspond to applications that are shown as having been submitted, and then use those identifiers to look up data related to those applications in the User Attribute Sent table.

Second... Table

The Institutions Table includes a row for each institution. Each row includes an Institution Identifier, an Institution Name, an identifier for a parent institution if any, and other information about the institution.

Institutions can also... access only to applications to that school.

Each row in the Contact Table includes a unique Contact Identifier, an Institutional Identifier, which defines the institution or group of institutions to which access is granted, and the... the application terms that are currently available. Each row of the Terms Table includes a unique Term Identifier, a Term Key, the start and expiration dates for applications to the institution for the... described in the Institutions Table. Each row in the Institution-Application Table includes an Application Identifier, an Institution Identifier, status of the application, type of the application, and information pertinent to the particular application... added to the Transaction Operations Table. Each row of the Transaction Operations Table includes the unique Operation Identifier, a Transaction Identifier (described below with the Transaction Table), a code indicating which operation the row represents, a contact identifier, and a time stamp indicating the date and time of the operation. Operations include, for... that a user has accessed and saved. Each entry in the Transaction Table includes a unique Transaction Identifier, a User Identifier, an Application Identifier, a Term Identifier, and a code indicating the state of the application. The Transaction Identifier represents a unique combination of User Identifier, Application Identifier, and Application Term. There is exactly one row in the Transaction Table for each Transaction Identifier. The application state can be, for example, 'in progress', 'submitted', 'payment

received', and 'acknowledged by the institution,' etc. Each entry also includes an order identifier , a text string that includes the User Identifier , the Application Identifier and a time stamp. The Order Identifier is used for credit card settlement and in correspondence with the institution.

When a user accesses an application, the universal... ..new transaction is begun. An new entry is inserted in the Transaction Table. A Transaction Identifier is assigned when the user requests an explicit save operation or a "save and send" operation for the new application. A Transaction Identifier is not assigned merely on the basis of a page flip on a multipage form.

Once the user selects the "Save, Pay and Send" button, the Term, Term Identifier and Order Identifier fields are populated, and the state is set to indicate the application has been submitted. Upon payment, a Payment Operation field is populated with the Operation Identifier for the payment operation, and the state is set to indicate that payment has been...

**Dialog eLink:** [Order File History](#)

19/3K/3 (Item 1 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01537571

## **GENIUS ADAPTIVE DESIGN**

### **MODELE D'ADAPTATION AU GENIE**

#### **Patent Applicant/Inventor:**

- **CABINALLA Linda**  
1145 Delaware St, Fairfield, CA 94533; US; US (Residence); US (Nationality); (Designated for all)

	Country	Number	Kind	Date
Patent	WO	200781519	A2	20070719
Application	WO	2006US48704		20061219
Priorities	US	2005755291		20051230
	US	2006756607		20060105
	US	2006778313		20060301
	US	2006783018		20060315
	US	2006786906		20060328
	US	2006852794		20061018

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID;  
IL; IN; IS; JP; KE; KG; KM; KN; KP; KR;  
KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY;  
MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA;  
NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RS; RU; SC; SD; SE; SG; SK; SL; SM; SV;  
SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: English

Filing Language: English

Fulltext word count: 520275

### Detailed Description:

...9364 507402 = "c" 5450524 5206905 . Improvement on patents:-Patent: 5247497 Security systems based on recording unique identifier for subsequent playback. Information provided by U to system when they last entered is played... ..O // EDITO // NR (u nr when (w5) u didn't check to see what their " unique identifier ' (5247497 type input) was during their last session, sys is of no use if u.... ..ROUTER () // SCORE (u's previous score or "status" or "TDS" (previous usage) can be a unique identifier -this automation helps the less creative / lazy u) // STATUS () // TDS () // T () // TRACK () // UIP 0 BA...beeps, etc are emitted depending on which receiver is being called; 4C-04 1 Ring Identifier -if "multi-user" then prior to the speaker activation of catler's voice, there is... ..people (who don't mind speaking via speaker tel) 8B-150-083008 Switch Board's Identifier : Receptionist receiving call, encodes applicable respondent's tel instrument (who call is for) with code...related sound might continue after any answering machine picked up call 4C-041-000000 Ring Identifier : exists If "multi-users" use same tel line; then according to caller's id #, there... ..used to step on pedal represents each of the call activities: activation; each # has different code (dialing might even be done on one or more separate pedals); deactivation of call..-remote...in general terms; gives differing examples, eg: computers judging how much credit to give to credit card applications based on other similar people's past histories.-UIP

formerly titled "PI".-For Techies.... 2D-021 Sys reacts to external products according to w5 they are:  
 Eg: Incoming-Call Identifier -Screener / External Element Identifier . Calls from desired tel numbers have a different ring. Hereby caller knows whether to pick up the call or not...might be "educated" to user, and or "ba" may pick up on u's (fairly) unique movements, like analyzing a person's movement to generate their signature. + Correct utilization of "Remote...access\*" and (repeat\* or repetitive). Nothing-comprehensible found. + Patent: 5247497 Security systems based on recording unique identifier for subsequent playback. Information provided by User to system when they last entered is played... ..EDIT () // NR (u &#960;r when (w5) u didn't check to see what their ' unique identifier ' (5247497 type input) was during their last session, System(s) is of no use if... ..ROUTER () // SCORE (u's previous score or "status" or "TDS" (previous usage) can be a unique identifier (password)-this automation helps the less creative / lazy u) // STATUS () // TDS 0 // T() // TRACK O... ..access".-Exists: bar code readers for "billing"; magnetic strips on flat keys for "access" and credit cards ; microchips built into keys for "access", eg: on Cadillac cars.-Patentability: System(s) "seeks" elements...from u (as u walks by "sensor");Magnetic Device. . R1 27 [ Commuter's train ticket credit card ; circuit emits frequency read by device in ticket gate. JR (Japan Railway) ]. Also copied to... ..itself; gain access; use modem; "interact" with new data / SW (Software) (on internet / m).Misc: identifying -> "tracking" = hackers / nr / "trapping" hackers.-value: fear of (further) punishment helps ward off hacker's... ..s memory. This image acts like a password.-The system has a designated tolerance for images that differ from the one in its memory; the accessor may draw the picture in... ..needed/responded to / altered W5.-Size: simply change size w (with) (most) other aspects of image remaining the same.-U / Sys may know / suggest when (w5) needed i 22/K/1 (Item 1 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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### Virtual RFID-based tag sensor

Virtueller RFID-basierter Etikettensensor

Capteur d'etiquette RFID virtuel

Country	Number	Kind	Date								
International Classification (Version 8) IPC				Level	Value	Position	Status	Version	Action	Source	Office
... G06Q-0010/00				A	I	L	B	20060101	20080915	H	EP

Legal Status	Type	Pub. Date	Kind	Text
--------------	------	-----------	------	------

### Language

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (Document A)				
Total Word Count (Document B)				
Total Word Count (All Documents)				

**Specification:** ...for Radio-Frequency Identification. An RFID transponder, or 'tag', serves a similar purpose as a bar code or a magnetic strip on the back of a credit card; it provides an identifier for a

particular object, although, unlike a barcode or magnetic strip, some tags support being written to. An RFID system carries data in transponders in these... ..options

Data stored in data carriers invariably require some organization and additions, such as data identifiers and error detection bits, to satisfy recovery needs. This process is often referred to as... ..may be used to carry drug pedigrees, manifests, product identification information, etc., as well as:

identifiers, in which a numeric or alphanumeric string is stored for identification purposes or as an access key to data... ..looking for a value stored on the tag, or stored data about the tag, the matches can be reported in order of decreasing likelihood of fit, and the user can then... ..103 and LRU lists 112 and 135. If there are no current lowest generation number- matching entries available in the current chunk, the next chunk is examined. It is an error if no entry can be found that matches the current lowest generation number known, but a check should be made to prevent possible...

22/K/2 (Item 2 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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# **System and method for displaying and selling goods and services in a retail environment employing electronic shopper aids**

System und Verfahren zur Anzeige und zum Verkauf von Waren und Dienstleistungen in einer Einzelhandelsumgebung mithilfe elektronischer Käuferhilfen

Système et procédé pour afficher et vendre des biens et services dans un environnement de détail utilisant des aides électroniques pour l'acheteur

Country	Number	Kind	Date								
International Classification (Version 8) IPC				Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0030/00				A	I	F	B	20060101	20081014	H	EP

Legal Status	Type	Pub. Date	Kind	Text
--------------	------	-----------	------	------

## **Language**

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (Document A)				
Total Word Count (Document B)				
Total Word Count (All Documents)				

**Specification:** ...have the capability to determine the product code or product SKU they are viewing using bar code readers and like product identifiers. In the alternative, product selection, during video shopping sessions, may be from either the shopper...routed to the next available SLA.

Process notifications 616 and SNQ 608 functions manages the matching and distribution of notification messages to the ShopLive users from the other system users. Notifications... ..622 and the transfer video session function 634. This internal ShopLive function 700 manages the matching and distribution of notification messages to the ShopLive users from the other system users or... ..credit card sale function 905 handles the transmission of credit card purchases to an external credit card processing facility. Upon confirmation or declination of the transaction, the function manages the notification of the sale as well...confirmation to ShopLive that is processed by the function process shipping confirmation 1716 that automatically matches the confirmation to the customer order and updates the tables in 1704.

After delivering the... ..and routing of informational messages to shoppers, merchants and ShopLive agents, queue management and automatic matching of message responses and clean-up.

The maintain and upload web page content function 2016...notifying them of a successful bid, compiles purchase details and interface to purchase gateway for credit card processing to handle the purchase confirmation with the shopper credit card processing. The Shop Live auction function accesses system tables 2430 to read and update auction...

22/K/3 (Item 3 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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# **Retail apparatus and associated administration apparatus**

Einzelhandelsvorrichtung und zugehöriges Verwaltungsgerät

Appareil commercial et appareil d'administration associe

Country	Number	Kind	Date
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International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0030/00	A	I	F	B	20060101	20080801	H	EP ... ... G06Q- 0020/00

Legal Status Type	Pub. Date	Kind	Text
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## **Language**

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (Document A)				
Total Word Count (Document B)				
Total Word Count (All Documents)				

**Specification:** ...has been proposed to send discount coupons to mobile phones, typically for display as a bar code . Recipients of such coupons can display a received coupon on their mobile phone at a...  
...promote customer loyalty, stores provide machine readable cards to users. These cards typically have a magnetic strip that can be read by the card readers provided at points of sale for authenticating credit cards and the like. When the card is read, points are added to a tally of... ...a list of product id codes; and reducing the accumulated purchase price in dependence on matches between elements in said list and said stored product codes.

Thus, only one code needs... ..be further responsive to a user id from the data input device to report said matches to a remote location via said network communication means. This enables the availability of individual... ..consumer to be limited to one or more uses.

The scanner means may be a bar code scanner. The machine-to-machine data input device may comprise said bar code scanner. The processing means may be configured to identify a user id by comparing a code from the bar code scanner with a range of codes not reserved for product ids.

According to a second... ..sale terminal according to the present invention, in which the data input means is a bar code scanner, and a communication user agent, e.g. a communication user agent or PDA, wherein the communication user agent is operable to display a bar code representing a user id code.

According to a third aspect of the present invention, there... ..name, which may be fully qualified.

The scanner means may be other than an optical bar code scanner. For example, it may be a scanner for reading RFID tags.

According to a... ..the present date being a predetermined date.

The representation may be an image of a bar code . The unique id may be wirelessly received by displaying the bar code and scanning it with a bar code scanner.

Embodiments of the present invention will now be described, by way of example, with... ..office system 2 and a discount administration system 3. The POS terminal 1 includes a bar code scanner 4 and communicates with the back office system 2 via a local area network... ..POS terminal 1 comprises a microcomputer provided with input and output devices, such as the bar code scanner 4, adapted for processing purchases and payments.

Referring to <FIGREF=FIG003>Figure 3... ..RTM) Windows and a POS application program 30. Amongst other functions, the POS program 30 receives bar code data from the bar code scanner 4 and user inputs from a keypad 31, sends requests for product prices to the back office system 2 in dependence on received bar code data using a TCP/IP stack 32, displays information on a display 33 and prints out receipts, credit card authorisations and the like using a printer 34. The prices received from the back office system... ..in the user table 20 for the user (step s3). This could be achieved by matching name and address information provided by the loyalty scheme operator with user data in the... ..steps s5 and s6 respectively).



In the cases where a new user is registered, a bar code, corresponding to the new user's unique id, is sent to the user's mobile phone 9 in a messaging service, e.g. SMS or MMS, message (step s7). The bar code can be stored in a message folder in the mobile phone 9 but is preferable... are then taken to the POS terminal. Broadly, the POS terminal's operator scans the bar codes on the items to be purchased and then sends the user's id bar code on the screen of the mobile phone 9. Then the total purchase price is reduced... to the items being purchased.

Referring to <FIGREF IDREF=F0005>Figure 5</FIGREF>, when a bar code is scanned using bar code scanner 4, the bar code value is supplied to the POS program 30 which first determines whether the bar code was a UPC (Universal Product Code) (step s101). If the code was a UPC value ... omitted from <FIGREF IDREF=F0005>Figure 5</FIGREF> in the interests of clarity.

If the bar code value is not a valid UPS value (step s101), it is determined whether the value... which is not relevant to the present invention, is performed (step s104).

However, if the bar code appears to be a valid user id, e.g. within the range reserved therefor, (step... of the request is generally of the form:<PRE LISTING-TYPE=PROGRAM-LISTING>  
<getDiscountList> <userId> barcode value</userId> <retailerId>retailer id</retailerId>  
</getDiscountList></PRE>

When the request has been received by... order to determine the total discount, the POS program 30 searches the list of scanned bar codes for each of the UPC codes in the returned discounts (steps s301, s305). In each case where there is a match (step s302), the POS program 30 determines whether any associated limitations have been met (step... the request may be generally of the form:<PRE LISTING-TYPE=PROGRAM-LISTING> <setDiscountsClaimed> <userId> barcode value</userId> <discounts>  
<upc>product upc</upc> </discounts> </setDiscountClaimed></PRE>

The discount administration system 3... system 102 and a promotional offer administration system 103. The POS terminal 101 includes a bar code scanner 104 and communicates with the back office system 102 via a local area network... The POS terminal 101 comprises a microcomputer provided with input and output devices, including the bar code scanner 4, adapted for processing purchases and payments.

Referring to <FIGREF IDREF=F0008>Figures 8... Windows and a POS application program 130. Amongst other functions, the POS program 130 receives bar code data from the bar code scanner 104 and user inputs from a keypad 131, sends requests for product prices to the back office system 102 in dependence on received bar code data using a TCP/IP stack 132, displays information on a display 133 and prints out receipts, credit card authorisations and the like using a printer 134. The prices received from the back office system... whether an entry already exists in the recipient table 20 for the user (step s501). Matching is by mobile phone number or IMSI. The user may be registering by text message... cases where a new user has been registered with the promotional offer administration system, a bar code, corresponding to the new user's unique id, is sent to the user's mobile phone 109 in an SMS message. The bar code can be stored in a message folder in the mobile phone 109 or can be... associated with the campaign in the retailer table 121, which may include a list of unique identifiers for stores associated with the retailer, such as postal or zip codes (step s602). A... required by POS systems in order to process the promotional offer. This definition may include identifiers for products

that must be present in a customer's purchases for the offer to be valid. The campaign record will also include identifiers for the brand, product and retailer or other list holder to be used. If the... ..then taken to the POS terminal 101. Broadly, the POS terminal's operator scans the bar codes on the items to be purchased and then scans the user's id bar code on the screen of the mobile phone 109. If the items being purchased by the... ..offer benefits will be applied.

Referring to <FIGREF IDREF=F0013>Figure 13</FIGREF>, when a barcode is scanned using bar code scanner 104, the bar code value is supplied to the POS program 130 and to any additional software deployed in... ..POS environment as part of the system 32. These software entities must determine whether the bar code was a product code or a user id and act accordingly (s701). In the present... ..of the value of the user's purchases is kept (step s704).

If a scanned bar code is flagged as a user id, the POS software 130 will not perform its normal... ..the web service (step s802) contains a list of offer constraints that may include the identifiers for products that must be among the user's purchases, optionally the amount or percentage... ..remind the user that sausages or steak are available at a discount from another retailer.

Bar codes are a convenient way of presenting a code to a POS terminal because they typically already have bar code scanners. However, other methods of communicating a code from a mobile phone to a POS... ..user's mobile phone on the other need not be by SMS. For instance, the bar code may be provided by WAP as an element of a deck. Alternatively, the mobile phone... ..programmed over-the-air with a J2ME (Java 2 Micro Edition) MiDlet that requests the bar code from the administrations system and presents it on the phone's display when required to...

**Claims:** ...a list of product id codes; and reducing the accumulated purchase price in dependence on matches between elements in said list and said stored product codes.

2. A point of sale... ..be further responsive to a user id from the data input device to report said matches to a remote location via said network communication means.
3. A point of sale terminal according to claim 1 or 2, wherein the scanner means is a bar code scanner.
4. A point at sale terminal according to claim 3, wherein the machine to machine data input device comprises said bar code scanner.
5. A point of sale terminal according to claim 4, wherein the processing means is configured to identify a user id by comparing a code from the bar code scanner with a range of codes not reserved for product ids.
6. A transaction apparatus... ..and a communication user agent, wherein the communication user agent is operable to display a bar code representing a user id code.
7. An administration apparatus comprising: a WAN interface;  
a mobile...

# **Sales transaction hub**

Knotenpunkt für Verkaufstransaktionen  
 Centre de transaction de ventes

Country	Number	Kind	Date								
International Classification (Version 8) IPC				Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0030/00				A	I	F	B	20060101	20080428	H	EP
Legal Status Type		Pub. Date	Kind	Text							
Language											
Fulltext Availability		Available Text	Language	Update	Word Count						
Total Word Count (Document A)											
Total Word Count (Document B)											
Total Word Count (All Documents)											

**Specification:** ...processing the sales transaction.

In various implementations, the un-audited sales transaction may include an identifier that indicates an association between the sales transaction and a business unit. The sales transaction... ..or more sales transactions are missing. Assessing the received un-audited sales transaction may include comparing a transaction number associated with the received un-audited sales transaction with one or more... ..proceed to a checkout lane, and a cashier may scan machine-readable representations (e.g., barcodes ) or otherwise enter identifiers associated with the items into an electronic sale generator, such as a cash register or... ..transaction document, which was associated with the main retail location 105a in this example. An identifier in the scanned code or entered by a user may indicate the association of the sales transaction with the... ..transactions, and fraud checks on information associated with the sales transaction. Specific audits might include verifying that a credit card number associated with a sales transaction is within a specific credit card number range, or verifying that a purchase amount is not in excess of some predetermined value, to list just...the stored copy of the un-audited transaction document (stored above in step 420) and comparing the two versions of the transaction, including identifying audit flags that have been set or...

**Claims:** ...The computer-implemented method of claim 1, wherein the un-audited sales transaction includes an identifier that indicates an association between the sales transaction and a business unit.

3. The computer... ..computer-implemented method of claim 7, wherein assessing the received un-audited sales transaction comprises comparing a transaction number associated with the received un-audited sales transaction with one or more... ..The system of claim 17, wherein assessing the received un-audited sales transaction document comprises comparing a transaction number associated with the received un-audited sales transaction document with one or...

22/K/5 (Item 5 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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### Value insertion using bill pay card preassociated with biller

Eingabe von Werten über eine mit einem Rechnungsprogramm verbundene Rechnungszahlungskarte

Insertion de valeur utilisant une carte de paiement de factures preassociee avec le facturier

Country	Number	Kind	Date								
International Classification (Version 8) IPC				Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00				A	I	F	B	20060101	20080428	H	EP
Legal Status Type		Pub. Date	Kind	Text							
Language											
Fulltext Availability		Available Text	Language	Update	Word Count						
Total Word Count (Document A)											
Total Word Count (Document B)											
Total Word Count (All Documents)											

**Specification:** ...printed identification number. Associated identification information can be magnetically stored therein or printed in a barcode . The identification number is also stored in a file in a database maintained by the... ..owed to the biller each month automatically charged to the credit card or by entering credit card information on an invoice authorizing the biller to charge the credit card for the amount owed on the invoice. More recently, online payment methods have become available... ..is a flowchart showing the "receiving request from customer for adding service value associated with identifier to customer account" step of <FIGREF IDREF=F0001>Fig. 1</FIGREF> in further detail in... ..of the invention.

<FIGREF IDREF=F0003>Fig. 3</FIGREF> is a flowchart showing the "verify identifier " step of <FIGREF IDREF=F0002>Fig. 2</FIGREF> in further detail in accordance with some... ..is a flowchart showing the "receiving request from customer for adding service value associated with identifier to customer account" step of <FIGREF IDREF=F0008>Fig. 8</FIGREF> in further detail in... ..add service value to the customer's account. The central system maintains a set of identifiers , or Personal

Identification Numbers ("PINs"), with each identifier having an associated service value, which preferably represents a monetary figure (i.e., number of...for example), or some unit of service usage(i.e., minutes). Indicia associated with the identifiers are distributed to merchants for further distribution to customers. In one example, the indicia may be distributed on magnetic stripe cards having predetermined values, such as \$10, \$25 and \$50 cards. It should be appreciated that each indicia, or article bearing indicia, is associated with only one identifier maintained at the central system. Thus, each card distributed is linked to only one identifier maintained at the central system.

Once the customer selects the indicia, or an article bearing the indicia, the customer provides payment for the service value associated with the identifier represented by the indicia. For example, the customer pays \$25 for a \$25 card associated with an identifier associated with a \$25 service value. The merchant sends a communication to the central system confirming the transaction with the customer so that the identifier at the central system can be activated. Following instructions provided with the indicia, the customer... ..the customer's account. The customer provides the central system with an input representing the identifier that has been activated, as well as the customer's account information. The customer's account information can also be utilized to identify the customer's carrier.

When the identifier and customer account information are verified, the central system communicates with the customer's carrier... ..the central system directly into the customer's account. For these carriers, an alternate carrier identifier is provided by the system, and the customer is transferred to the carrier system to... ..invention. In one aspect of the invention, the various databases could include the set of identifiers and Mobile Identification Numbers ("MINs"), for example.

## METHOD FOR SUPPLYING COMMUNICATION SERVICE VALUE

In accordance with one embodiment of... ..begins in step S1, and passes to step S20, which includes establishing a set of identifiers having associated service values. As described above, each identifier forms a part of a data record, or identifier record, that allows the central system to identify the specific associated service value that will later be sold to a customer. One example of an identifier is a Personal Identification Number ("PIN"). The PIN comprises one field of the identifier record, while another field in the same identifier record contains the associated service value. Illustratively, record X may have identifier ABC and an associated service value of \$25. The service value is preferably a monetary... ..of service usage, if supported by the carrier systems (i.e., minutes).

The set of identifiers forms the identifier database. Each identifier record may also contain fields for Status Indicator (i.e., whether the identifier is Active or Inactive), Serial Number , Visa Account Network Number (VAN), or a Merchant Code identifying the merchant through which the indicia will be distributed.

Following the establishment of the set of identifiers , in step S40, the process includes distributing indicia of the identifiers to merchants for distribution to customers. As described above, the indicia provides information related to the identifier for several reasons. First, the indicia allows the merchant to communicate to the central system the identifier that must be activated following distribution. Similarly, the information conveyed by the indicia later allows the customer to communicate to the central system the identifier and the service value purchased when the indicia was obtained from the merchant. It should... ..customer for communicating with the central system.

The indicia may comprise an article, such as magnetic stripe card, smart card, bar coded card, or any combination thereof. Either the magnetic stripe, chip or bar code would contain information that represents the card's identifier. Therefore, when completing the sale of the card to the customer, the merchant could swipe the card through a network terminal, or alternatively, scan the bar code on the card. The merchant's system would then locate the identifier and notify the central system of the sale of the article bearing the associated identifier.

To allow the customer to utilize the card upon purchase, the card also displays the identifier so that the customer can communicate the identifier to the central system. In addition, the card should display the service value associated with the identifier represented on the card to facilitate the customer's purchase of the correct card. Lastly... request a certain prepaid service value, and upon payment, the central system would deliver the identifier to the point of sale for distribution to the customer.

Then, in step S60, the process includes activating an identifier upon distribution of indicia to a customer. As described above, the identifiers may be activated following communication from the merchants of the indicia distribution to the customers... the theft of the indicia prior to payment. The activation may include changing a status indicator associated with the specific identifier record from Inactive to Active. The communication between the merchant and central system preferably comprises... includes receiving a request from the customer for adding the service value associated with the identifier to a customer account. To handle the request, in one embodiment of the invention, the... is a flowchart showing the "receiving request from customer for adding service value associated with identifier to customer account" step of <FIGREF IDREF=F0001>Fig. 1</FIGREF> in further detail in... the customer to add the service value to the customer's account must include an identifier input (i.e., the PIN) representing the identifier associated with the indicia purchased, as well as input from the customer describing the customer... 2</FIGREF>, the process continues in step S80 and passes to step S100, wherein the identifier is verified. Following verification of the identifier, in step S120, the customer account information is verified.

<FIGREF IDREF=F0003>Fig. 3</FIGREF> is a flowchart showing the "verify identifier" step of <FIGREF IDREF=F0002>Fig. 2</FIGREF> in further detail in accordance with one... in step S 100, and passes to step S102, wherein the IVR system requests the identifier input from the customer (i.e., voice prompt requesting PIN from card, for example). In step S104, the system accepts the identifier input from the customer (i.e., the PIN provided on the card, for example). Then, in step S106, the system determines whether the identifier input correlates with an identifier from the set of identifiers maintained by the central system. The central system compares the PIN provided by the customer with those kept in the identifier database. If a record containing the PIN is found on the database, the process passes to step S 108. If the identifier is found in the database, the system determines whether the identifier is active in step S108. The status of the identifier can be determined by relating a Status Indicator associated with the pertinent identifier record. Thus, when the central system finds the identifier record, it can determine whether a value in the Status Indicator field represents Active or Inactive status. If the identifier is found in the database and is active, the system determines whether the identifier has already been redeemed in step S110. This feature allows the central system to inform the customer that the identifier has already been redeemed. In some circumstances, the customer's communication session with the central... the central system can inform the customer that the value insertion was successful. If the identifier has not been redeemed, the process passes to step S 116.

If the identifier cannot be found in the database in step S106, or the identifier is found in the database but is determined to be inactive in step S108, or the identifier is found in the database and is active, but is determined to have already been ...the process passes to step S112. The system determines whether there has been a previous identifier check in step S112, and if so the process passes to step S114, where the customer is transferred to customer service. A previous identifier check would have occurred if the customer had previously supplied identifier input and the input failed any of the determinations in steps S106, S108 or S110. If there had not been a previous identifier check, the process returns to step S102, where the systems requests that the customer re-enter the identifier input.

For those identifiers found in the system that are active and have not been redeemed, in step S116 the system determines the associated service value for the identifier. The process then passes to step S119, wherein it returns to step S120.

<FIGREF...system requests approval from the carrier system to add the service value associated with the identifier to the customer's account. In step S146, the system determines whether the add...direct value insertion, in step S142, the system provides the customer with an alternate carrier identifier. This carrier identifier operates similarly to the identifier used with the central system, however, the carrier identifier must be redeemed through communication with the carrier system. These carrier identifiers may be maintained in a separate carrier identifier database. Accordingly, in step S143, the system transfers the customer to an IVR system managed...appreciated that the methods described herein may be adapted such that each indicia of an identifier distributed may not have a predetermined associated service value. In this respect, the indicia would include the identifier, however, the customer would be allowed to select a service value to purchase for the...to. The customer may identify the particular account by providing the POS with an account number or other account identifier, or by providing identification information of the customer (e.g., name, social security number, etc...may comprise this information in any machine readable format, including but not limited to a magnetic stripe, a bar code, a smart chip, etc. With reference to <FIGREF IDREF=F0011>Fig. 11</FIGREF>, a method...10. For example, in one embodiment, the memory portion 14 contains the various databases of identifiers and associated service values, MINS, carriers, and other information needed by the central and IVR...receiving input from the central system, printing indicia or other information, performing smart card or magnetic stripe card reader or bar code scanner functions, and sending output to the central system 10. Accordingly, in one embodiment of the invention, to activate an identifier upon payment, the card is swiped through an appropriate card interface on the merchant transceiver...a network connection to the central system 10, wherein the central system 10 activates the identifier in the appropriate database.

The user interface portion 16 also transmits data to the customer...16 accepts the customer request for value insertion from the customer system 20, including the identifier input and customer account input. The processor portion 12 verifies the identifier input with the identifier database maintained in the memory portion 14, and then verifies the customer account input with...example), a payment portion for receiving payment from the customer (i.e., through cash, or magnetic stripe card or smart card readers, for example), a communication portion for notifying the central system of the sale of the indicia and the need to activate the associated identifier (i.e., a modem, for example), and a delivery portion for providing the customer with the indicia of the identifier (i.e., a mechanical card delivery system or printer means to provide a printout of...determined when it is selected by a customer at the time of distribution of the identifiers to the customer. In this respect, the indicia would include the identifier; however, the customer would be allowed to select a service value, such as \$25 or...the record.

Thus, as shown in <FIGREF IDREF=F0008>Fig. 8</FIGREF>, a set of identifiers having undetermined associated service values is established, in step S20A. Then in step S40, as also shown in <FIGREF IDREF=F0001>Fig. 1</FIGREF>, the indicia of identifiers to merchants for distribution to customers is distributed. Unlike in <FIGREF IDREF=F0001>Fig. 1... ..the associated service value, such as \$10, \$25, or \$50. Then in step S60A, the identifiers are activated and the associated service value is recorded when the indicia is distributed to... ..In step S80A, the request from the customer for adding service value associated with the identifier to the customer's account is received. This step is further elaborated in <FIGREF IDREF=...>...is a flowchart showing the "receiving request from customer for adding service value associated with identifier to customer account" step of <FIGREF IDREF=F0008>Fig. 8</FIGREF> in further detail in... ..Fig. 2</FIGREF>, above. However, in this embodiment, it is explicitly shown that after the identifier is verified, in step S100, the customer selects a carrier for service from among a... ..preferred embodiment, the card has an associated PIN, serial number (in the form of a barcode or a magnetically stored number), and a card number.

The PIN or other numbers may... ..securing valuable card information are well-known in the art.

The PIN may be a unique identifier, such as a randomly generated number that is unique to the specific card. The associated barcode number may also be printed on the card so that it can be scanned (or swiped) at a merchant terminal at the point of sale. The use of barcodes and magnetic stripes are well-known in the art. The card number may be another number associated with... ..with governmental guidelines or other norms.

The card information, such as the PIN number, associated barcode and/or magnetically stored serial number, value, and card number may be stored in a... ..step 1002, the customer purchases the card. The merchant (or customer) scans the card's barcode, swipes the card's magnetic strip, and/or otherwise inputs card information at a terminal, such as a merchant terminal. If... ..passed from the terminal. In a preferred embodiment, the received information comprises the card's barcode or magnetic strip information. The central processor accesses the database entry corresponding to the card. It may check... ..the request is a trusted communication network). For instance, if the merchant transmits a merchant identifier along with the card information, the central processor may verify that the merchant identifier is associated with the card information in the database. At this point, the central processor... ..recognizes that this is an active card. For instance, the central processor may receive the barcode serial number or other identifier from the merchant terminal, and it may access the appropriate database entry and determine that... ..during recharge, such as a new associated value, new provider, and new PIN (or other identifier).

It should be appreciated that the central processor may be a computer system of a...

**Claims:** ...bill pay card associated with the provider of goods or services and having an associated identifier; presenting the bill pay card at a point of sale (POS) location; reading or otherwise... ..bill pay card, associated with the provider of goods or services and having an associated identifier; a POS, adapted to read or otherwise obtain from the bill pay card the information...



# **Bill payment card method and system**

Karte zur Zahlung von Rechnungen, Verfahren und System

Procede et systeme de carte de paiement de factures

Country	Number	Kind	Date
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International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00	A	I	F	B	20060101	20080428	H	EP

**Abstract** ...least some of the value to a selected third party, the request comprising receiving an identifier associated with the payment card and receiving an indication of an amount of value to...

Legal Status Type	Pub. Date	Kind	Text
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## **Language**

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (Document A)				
Total Word Count (Document B)				
Total Word Count (All Documents)				

**Specification:** ...owed to the biller each month automatically charged to the credit card or by entering credit card information on an invoice authorizing the biller to charge the credit card for the amount owed on the invoice. More recently, online payment methods have become available... ..least some of the value to a selected third party, the request comprising receiving an identifier associated with the payment card and receiving an indication of an amount of value to... ..include electronic and/or magnetic features, e.g., a microprocessor, memory, an electronic chip, a magnetic strip , a Universal Serial Bus (USB) flash drive, a wireless communication device, etc. For example, a... ..the same or similar features to a credit or debit card, such as having a magnetic strip located on the back of the card, and thus may be compatible with standard credit... ..way of example only, alpha characters, numeric characters, alphanumeric characters, images, embossed numbers, a coded magnetic strip , an embedded electronic chip, bar codes , and/or other such identification indicia as known in the art. In some embodiments of... ..user may be stored in a remote database and/or may be embedded in a magnetic stripe on the bill payment card 130. In addition, the bill payment card 130 may be... ..Figs. 2-8</FIGREF>, may include, but are not limited to: requesting and receiving a unique identifier associated with a bill payment card 130; creating and storing in a database a bill payment card record that includes a unique identifier associated with a bill payment card 130; requesting and receiving third party information; associating and... ..may comprise any information related to the bill payment card system 100, e.g., a unique identifier (bill payment card number , password, etc.), user information (e.g., name, address, user number, authorized user list, third party... ..with a third party or third parties 150 by

creating a record that includes a unique identifier located on a bill payment card 130 along with the user's name and address... ..payment card 130. The activation module 205 may be configured to request and receive a unique identifier associated with the bill payment card 130. The activation module 205 may also be configured to create and store a bill payment card record 250 associated with the unique identifier . The bill payment card record 250 may be modified in any fashion to indicate activation... ..110. Transaction related functions may include, but are not limited to, requesting and receiving a unique identifier , retrieving a bill payment card record associated with a unique identifier , requesting and receiving a third party selection, determining an amount owed to a third party user-specified code word and/or number, which the processor 110 may compare to a password and/or code entered by a user 125 when initiating a transaction. The password may be some or all of a unique identifier associated with a bill payment card 130.

The processor 110 may comprise a report module... ..with the bill payment card, or the bill payment card may be associated with a unique identifier that a database record and/or bill payment card account is associated.

In step S330... ..RFID, etc.

In step S420, a processor may request and receive a transmission of a unique identifier associated with a bill payment card. The unique identifier may be a number visible on the face of a bill payment card or some other form of indicia associated with a bill payment card. The transmission may include a unique identifier or may include information sufficient to determine the unique identifier .

In step S430, a processor may create a bill payment card record associated with the unique identifier , and may store the bill payment card record in a database. The bill payment card... ..payment card, and/or during the purchase of a bill payment card. Association with a unique identifier may occur by modifying the bill payment card record to include the unique identifier or by some other modification of the bill payment card record sufficient to associate it with the unique identifier .

In step S440, the processor may request and receive third party information that may comprise... ..the third party.

In step S450, a processor may associate a third party with the unique identifier of the bill payment card. The processor may modify the bill payment card record to... ..with the third party.

In step S460, the processor may associate an account with the unique identifier . The account may be able to receive and hold some type of value (e.g., money, credits, etc.) therein. For example, the processor may associate the unique identifier with a bank account, which is able to receive funds associated with the bill payment... ..and S420 described above, the processor may begin a session and request and receive a unique identifier associated with a bill payment card. In step S525, the processor may retrieve from a database a bill payment card record associated with a unique identifier . The processor may retrieve some or all of the data located in the bill payment... ..card and biller information. For example, the processor may ask the user to enter a unique identifier associated with the card, such as a card number and/or password. In addition, the... ..a request to begin a session from the user, and may respond by requesting a unique identifier associated with a bill payment card, e.g., a card number and/or password. In steps S720 and S725, the user may enter and the processor may receive, respectively, the

unique identifier associated with the bill payment card. In step S725, the processor may also retrieve biller... ..instant-messaging system, or a wireless device. For example, a bill payment card with a magnetic strip may be swiped, or a bill payment card with visual indicia, e.g., a bar code, may be scanned. The bill payment card may also be enabled by a wireless technology...

**Claims:** ...with the payment card; associating a third party with the bill payment card; receiving an identifier associated with the payment card; determining an amount of value associated with the payment card... ..to claim 1, wherein the step of activating the bill payment card comprises:receiving an identifier associated with the payment card; creating a payment card record and storing the payment card record in a database, wherein the payment card record comprises information sufficient to identify the identifier; and associating a value account with the unique identifier.

4. The method of managing a payment card system according to claim 1, wherein the step of associating value with the payment card comprises:receiving value;

receiving an identifier associated with the payment card;  
identifying a value account associated with the identifier; and  
placing at least some of the value in the value account associated with the identifier.

5. The method of managing a payment card system according to claim 4, wherein the... ..to transfer at least some of the value to the third party comprises:receiving an identifier associated with the payment card;

providing an indication of the third parties associated with the... ..payment card;  
associate a third party with the at least one payment card;  
receive an identifier associated with the payment card;  
determine an amount of value associated with the payment card... ..user;  
activating the payment card;  
initiating a transaction associated with the payment card;  
receiving an identifier associated with the payment card;  
associating value with the payment card;  
determining an amount of...

22/K/7 (Item 7 from file: 348)  
DIALOG(R)File 348: EUROPEAN PATENTS  
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## **Methods and systems for controlling computers or linking to internet resources from physical and electronic objects**

Verfahren und System zur Steuerung von Computern oder zur Verknüpfung mit Internetressourcen aus physischen und elektronischen Elementen

Procédes et système de contrôle informatiques ou de liaison aux ressources Internet à partir d'objets physiques et électroniques

Country	Number	Kind	Date
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International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0010/00	A	I	F	B	20060101	20080722	H	EP ... .. G06Q-0030/00

Abstract ...A3

Legal Status	Type	Pub. Date	Kind	Text
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Language

Fulltext Availability	Available Text	Language	Update	Word Count
Total Word Count (Document A)				
Total Word Count (Document B)				
Total Word Count (All Documents)				

**Specification:** ...software programs particularly corresponding thereto, wherein the method further includes: (a) providing a frame of image data; (b) decoding plural-bit identifier data from the image data; (c) consulting the registry database to identify a software program corresponding to said identifier data; and (d) invoking the identified software program.

According to another aspect, the invention includes... ..advertisement with second data different than the first; (c) the first and second data providing identifiers by which consumer devices can link to web pages associated with said advertisements; (d) monitoring linking traffic due to each of said identifiers to thereby determine consumer response to the advertisements.

According to another aspect, the invention includes... ..lens for imaging an object onto the sensor, and a decoder for decoding plural bit identifier data conveyed by a barcode or a digital watermark on the object.

According to another aspect, the invention includes an... ..computer.

According to another aspect, the invention includes a method comprising: (a) sensing an object identifier from a first object; (b) sending said first object identifier from a first device to a second device; (c) in response, at said second device, identifying address information corresponding to said first object identifier and sending same to the first device; (d) initiating a link from the first device ... ..a packet of data to a remote system, said packet of data comprising (a) an identifier of said software program, and (b) at least a portion of detected machine readable data... ..data to a remote system, said packet of data comprising (a) a context or environment identifier , and (b) at least a portion of detected machine readable data.

According to another aspect... ..steganographic (e.g., by digital watermarking), or can employ other machine readable data (e.g., barcodes , etc.). More generally, the arrangements just reviewed generally have counterparts that can be implemented with other than optical or image data (e.g., audio data, magnetic stripe information, etc.).

The foregoing just touches on a few of the many inventive aspects of... ..certain of such applications can alternatively employ other data encoding techniques, including 1D and 2D barcodes , magnetic ink character recognition (MICR), optical character recognition (OCR), optical mark recognition (OMR), radio frequency identification (RF/ID), UV/IR identification technologies, data glyphs, organic transistors, magnetic stripe , etc., depending on the particular application requirements.

#### Basic Principles - Refrigerators and Desktop Clutter

Referring to...printer driver, etc.) stored part of this number (e.g., 20 bits, termed a Universal Identifier , or UID) in association with the path and file name at which the electronic version... ..be able to respond to several classes of Bedoop objects. Simple software-based systems can compare the CLASS/DNS ID (and optionally the UID) to fixed values, and can branch program... ..course be used. In some applications it is advantageous for the protocol to more nearly match those commonly used for internet communications. For example, IP addresses for internet Domain Name Servers... ..the candidate may encounter a security guard. Seeing an unfamiliar person, the guard may visually compare the photo on the badge with... the name printed on the badge. On seeing that the printed and Bedoop-decoded names match (and optionally checking the door log to see that a person of that name was... ..the photo is swapped, the proximity system ID and the embedded photo data will not match , flagging an unauthorized attempted access.

The same principles are applicable in many other contexts - not... ..machine-sensed personal identification associated with the badge. These include, but are not limited to, bar code IDs, mag-stripe ID cards, smart cards, etc. Or the comparison can be with an...essential. Any other known form of optically-recognizable digital encoding (e.g., 1D and 2D bar codes , etc.) can readily be employed.

In an illustrative embodiment, a business card or photograph is... ..ticket to orchestrate the visit to follow a particular story line. Some kiosks issue premiums matching the age/gender of the recipient.

Car...Hewlett-Packard CapShare 920. The scanner may be configured for use with any type of identifier , e.g., watermark, barcode , OCR, etc.

The reader is presumed familiar with the workings of the HP CapShare scanner... ..raw data storage, and for storage of final results. The scanner's operating system, pattern matching and data processing algorithms, and other program code are stored in the ROM.

In accordance... watermark data.

Just as the scanner 210 can perform watermark decoding, it can similarly perform barcode decoding. Conventional pattern-recognition algorithms can be applied by CPU 212 to either the raw or final scan data to identify barcode patterns. Once the pattern is identified, decoding is straightforward by applying known barcode alphabets. As in the watermark case, barcode decoding can be performed autonomously,

or in response to user/auxiliary device command. Similarly, the decoded barcode data can be provided to the auxiliary device whenever detected, or in response to an... ..used to augment the information provided to the CPU so as to aid in the barcode detection/decoding process.

In similar fashion, the above-described benefits associated by use of the two 2D CCDs can similarly be applied in the barcode context.

As earlier described, once the identifier information is extracted from the image data, internet links can be based thereon to provide supplemental information, e-commerce opportunities, etc.... ..number is stored in a memory within the phone, and indexed in accordance with an identifier decoded from the Bedoop data.

The variety of operations that can be handled remotely is... ..application of the below-detailed technology, digital watermarking is employed to convey a plural bit identifier within print media, such as magazine advertisements or articles, direct mail coupons or catalogs, bank- or credit -cards, and business cards. This identifier is read by software in a user's computing device and forwarded to a remote database. The remote database identifies a URL corresponding to the identifier , and provides the URL back to the user's computer - permitting a browser on the... ..etc.), etc.

Embedding refers to the process of encoding of an object with a digital identifier (e.g., a watermark conveying a serial number in its payload).

Detection is the complementary operation to embedding, i.e., discerning a digital identifier from an object.

Response refers to the action taken based on the discerned identifier .

The middle two steps - embedding and detection - can employ any of myriad well-known technologies, including 1D and 2D barcodes , magnetic ink character recognition (MICR), optical character recognition (OCR), optical mark recognition (OMR), radio frequency identification (RF/ID), data glyphs, organic transistors, magnetic stripe , metadata, file header information, UV/IR identifiers , and other machine-readable indicia and techniques for associating plural-bit digital data with an... ..cell phone, a personal digital assistant (e.g., a Palm Pilot), a personal computer, a barcode scanning system, etc. For expository convenience, the embodiment is described with reference to a personal ... ..sensors (either as part of still- or video cameras, flatbed scanners, mice, or otherwise), microphones, barcode scanners, RF ID sensors, mag stripe readers, etc. In such cases, the sensor 22 may... ..20 is a magazine advertisement encoded with a steganographic watermark conveying a plural bit object identifier . The watermark is hidden in the advertisement's image in a manner indiscernable to human... ..to a corresponding product handler 16.

The product handler receives the message and attempts to match the detected watermark serial number to a registered watermark serial number earlier stored in the database 17. If a match is found, the product handler performs the desired action. As noted, typical actions include returning... ..serving up an HTML page for initial user navigation, initiating software downloads, etc. If a match is not found, the product handler returns an error code and message to the application 28c. If a match is found, but the corresponding action is unavailable, incomplete, inactive or invalid, the product handler... ..message via

the Internet that complies with the expected request format (e.g., a product code, message type, and identifier) and receiving a message in a corresponding response format. One set of message formats suitable... the system to identify the response (e.g., a URL) that corresponds to an object identifier (e.g., a watermark), this data must first be associated within the database 17 in... Number forms the last component of the registration. It is this assigned vendor and product- unique identifier that allows the system to acquire the specific information/action for the object in question... owner (publisher, ad agency, studio, etc.) and returns to the registrant a packet with a unique identifier to be embedded within the object. A watermark embedding application (i.e., software) uses this... the related watermark work by securing from the operator of system 10 a particular watermark identifier. (This, and most of the following procedures, are effected by computers talking to computers in... handler 16 could be arranged to perform these functions.) Wired provides the operator an issue identifier (e.g., San Francisco edition of the July, 2000 issue), and internal tracking information used... a confirmatory file, by email, that encapsulates the information thus far (i.e., the watermark identifier, the issue ID, and the magazine tracking information). Server 19 creates a new database record ... of 60 bits. Twelve bits may form a Class ID. These bits serve as an identifier for a top-level domain. 24 other bits may form a DNS ID. These bits... server.)

The remaining 24 bits are a User ID, and serve as the most granular identifier, indicating the particular source of the payload. Based on this ID, the responding server knows... all maintained in database 17 rather than literally represented in some fashion within the object identifier.

### Unique ID

This case is akin to the unsegmented payload, but consists of just a single field - a unique identifier. The same application 28c is always used, and always treats the payload data consistently (e... noted below, the data sent from the application 28c typically includes information other than the identifier payload, e.g., the type and version number of the application 28c, the electronic address... found to be slow, etc.

In summary, the detailed handler:

1. 1. validates the received identifier (e.g., watermark serial number) against the list of active identifiers; and, if the serial number is not found, return an error message to the calling session, and log the error...ID cards.) If the exam proctor sees an image on the device that does not match the image on the ID card, appropriate action may be taken. (This arrangement is applicable... assignee has long offered a "MarcCentre" service that serves as a clearinghouse through which watermark identifiers found in photographs, etc., can be used to identify the proprietors and associated information corresponding... free music over the internet.)

Each low-fidelity version can be processed to extract an identifier (e.g., a steganographic in-band watermark; a numeric ID or song/artist name field... work, the listener can operate a suitably programmed computer or music appliance that extracts the identifier from the work and passes it on to the remote system. The remote system can... Fig. 10</FIGREF> shows what happens if the user selects "Yes." The software sends the identifier - extracted from the MP3 file - to the remote system. The remote system responds with the... activities tracked in some detail, in consideration for certain perks (e.g., give-away cameras, bar - code scanning pens, or other devices, etc.). These users are termed

Demographic Households. A software program... ..from the primary Information when there is no value associated.

Secondary Information:

Demographic Household ID: identifier for a selected demographic group. This is used as an index to the actual demographic... ..Optional Information -

Ctry =User's Country name

Lang =User's preferred Language

HHID =Demographic Household Identifier

Det = TWAIN string of the sensing/detecting device

OS =User PC Operating System string

Proc... ..as inactive (neither the primary nor the default is active)

3 No record in database matching the Type and Serial Number

4 Request format error - incomplete data

Request for Configuration

Required... ..Number OK, but all associated URLs are marked as inactive

3 No record in database matching the Type and Serial Number

4 Request format error - incomplete data

Request for Transaction Download... ..Optional Information

Ctry =User's Country name

Lang =User's preferred Language

HHID =Demographic Household Identifier

Det =TWAIN string of the sensor device

OS =User PC Operating System string

Proc =User...types with specific software programs particularly corresponding thereto, an improvement comprising:



providing a frame of image data;

decoding plural-bit identifier data from the image data;

consulting the registry database to identify a software program corresponding to said identifier data; and

invoking the identified software program.

B7. The method of claim B6 which includes... ..decoding plural fields of data from the image data, one of said fields comprising the identifier data; and

providing another of said fields of data to the identified software program for... ..a provider of said technology.

B48. A method comprising:

steganographically embedding a plural-bit digital identifier in a photograph;

storing an annotation in a database in association with said identifier ;

presenting the photograph to an optical sensor, the optical sensor providing image data decoding the identifier from the image data;

using the decoded identifier to access the annotation stored in the database; and

presenting the accessed annotation.

B49. A...G12. The device of claim G10 in which the further information is encoded in a bar code on the badge.

G13. The device of claim G10 in which the further information is encoded in a magnetic stripe on the badge.

G14. A method of accessing a secured premise comprising:

presenting a badge... ..improvement comprising software instructions in the memory causing the scanner to discern a machine-readable identifier from scan data acquired from the object.

K2. The scanner of claim K1, further comprising a wireless interface, and a display, said software instructions causing the scanner to relay the identifier by the wireless interface to a remote server, and for processing information returned through the... ..data collected by the linear sensor array that are relatively more likely to include detectable identifier data.

K7. The scanner of claim K3 in which said purpose is to quantify an... ..that compensation may be applied therefore.

K10. The scanner of claim K1 in which the identifier is steganographically encoded as a digital watermark.

K11. The scanner of claim K1 in which the identifier is encoded as a barcode .

K12. A scanner comprising a linear sensor array, a CPU, an interface for coupling to... ..forms.

For example, one other form is to steganographically encode physical objects with Digital Object Identifiers (DOIs). The Center for National Research Initiatives and the Digital Object Identifier Foundation ([www.doi.org](http://www.doi.org)) have performed extensive work in establishing an infrastructure by which digital... ..digital data is used in the preferred embodiments, visible forms of digital encoding - such as bar codes - can naturally be employed where aesthetic considerations permit.

In certain of the embodiments, digital data... ..other optical sensing technology can alternatively be employed. Supermarket laser scanners, for example, can read bar - code data. Raster-scanning of such systems can permit acquisition of 2-D data (either in... ..types with specific software programs particularly corresponding thereto, an improvement comprising:

providing a frame of image data;

decoding plural-bit identifier data from the image data; '

consulting the registry database to identify a software program corresponding to said identifier data; and

invoking the identified software program.

4. 4. The method of claim 3 which... ..decoding plural fields of data from the image data, one of said fields comprising the identifier data; and

providing another of said fields of data to the identified software program for... ..print advertisement with second data different than the first;

the first and second data providing identifiers by which consumer devices can link to web pages associated with said advertisements;

monitoring linking traffic due to each of said identifiers to thereby determine consumer response to the advertisements.

10. 10. The method of claim 9 in which the encoding takes the form of visible bar codes .

11. 11. The method of claim 9 in which the encoding takes the form of... ..internet address.

18. 18. The method of claim 17 in which the positioning comprises scanning barcode indicia published in said advertisements.

19. 19. The method of claim 17 in which the... the plural bit information does not comprise a web address, but rather comprises an advertisement identifier , and in which the method further includes:

transmitting said advertisement identifier to a remote computer;

receiving from said remote computer a web address associated with said identifier ; and

directing the internet browser on said computer system in accordance with said web address...20 which includes sliding the peripheral over a portion of the printed advertisement having a barcode printed thereon.

23. 23. An electronic commerce method comprising:

providing a printed catalog that includes ... lens for imaging an object onto the sensor, and a decoder for decoding plural bit identifier data conveyed by a barcode or a digital watermark on the object.

26. 26. An image-based network navigation method... s zip code to the remote computer.

27. 27. A method comprising:

sensing an object identifier from a first object;

sending said first object identifier from a first device to a second device;

in response, at said second device, identifying address information corresponding to said first object identifier and sending same to the first device;

initiating a link from the first device in... a packet of data to a remote system, said packet of data comprising (a) an identifier of said software program, and (b) at least a portion of detected machine readable data... of digital watermark data.

31. 31. The apparatus of claim 28 comprising a detector of barcode data.

32. 32. An apparatus including a detector of machine readable data and a software... data to a remote system, said packet of data comprising (a) a context or environment identifier , and (b) at least a portion of detected machine readable data.

33. 33. The apparatus... of digital watermark data.

35. 35. The apparatus of claim 32 comprising a detector of barcode data.

36. 36. A networked computer system, responsive to watermark data sent from a software...

**An improved method and system for conducting secure payments over a computer network**  
 Verbessertes Verfahren und System zur sicheren Ausführung von Zahlungen über ein  
 Computernetzwerk  
 Procédé et système améliorés pour réaliser des paiements sécurisés via un réseau informatique

Country	Number	Kind	Date								
International Classification (Version 8) IPC				Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00				A	I	F	B	20060101	20080409	H	EP
Legal Status	Type	Pub. Date	Kind	Text							
Language											
Fulltext	Availability	Available Text	Language	Update	Word Count						
Total Word Count (Document A)											
Total Word Count (Document B)											
Total Word Count (All Documents)											

**Specification:** ...still troubled and concerned about using personal financial information and transmitting such information, such as credit card numbers and personal identification numbers, over public communications networks, such as the Internet. As a result, over the last... formatted as if payment were tendered at a point-of sale terminal with a conventional magnetic - stripe payment card, the message authentication code being transmitted in a discretionary data field contained in a track of the type used in the magnetic stripe of said conventional payment card; (d) responding to the authorization request for the first payment... computer the following data elements: (1) the acquirer BIN, (2) the MID (the merchant identifier as known to the acquirer), and (3) the date and time (GMT or equivalent) of... computer, just as if the merchant were prepared to communicate with computers that include magnetic - stripe readers. (The Track-1 image refers to the data on track 1 of the magnetic stripe of a payment card.) Moreover, the merchant preferably is able to pass the Track-1... in the Track-1 discretionary-data area. If this is not all zeros, the system compares this BIN with the acquirer BIN of the transaction, and verifies that the date and... provider system may also verify that the MID in the Track-1 discretionary-data area matches the MID in the Acquirer Reference Data.

The service provider system may store a history... image does not include an acquirer BIN. When the comparison is triggered, the system may compare the transaction sequence number included in the Track-1 discretionary-data area against the stored... higher than the smallest stored value for the current account number and 2) does not match any stored value for this account, there is a reasonable assurance that the current transaction... formatted as if payment were tendered at a point-of-sale terminal with a conventional magnetic - stripe payment card, the format having a track with at least a discretionary data field and...

**Claims:** ...authentication code in a portion of the discretionary data field of a standard payment card magnetic stripe track format to form a track image; and transmitting said track image, including said message authentication code, over said payment network, without first storing said message authentication code on a magnetic stripe of a payment card.

2. The method of claim 1, wherein said computing a message... of the discretionary data field of track image data formatted as a standard payment card magnetic stripe track data, to be sent over said payment network, without first storing said message authentication code on a magnetic stripe of a payment card.

22/K/9 (Item 9 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

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# **Methods and apparatus for managing RFID and other data**

Verfahren und Vorrichtung zur Verwaltung von RFID- und anderen Daten

Procedes et appareil pour la gestion de donnees RFID et autres

Country	Number	Kind	Date								
International Classification (Version 8) IPC				Level	Value	Position	Status	Version	Action	Source	Office
G06Q-0020/00				A	I	F	B	20060101	20071214	H	EP ...
Legal Status Type		Pub. Date	Kind	Text							
Language											
Fulltext Availability		Available Text	Language	Update	Word Count						
Total Word Count (Document A)											
Total Word Count (Document B)											
Total Word Count (All Documents)											

**Specification:** ...the goods is received along with information from other input devices. Such devices may include bar code scanners, data terminals, financial information capturing devices such as credit card or debit card readers... other data input and communication devices. In the present exemplary embodiment, the devices include a bar code scanner 110, a security tag deactivator 112, and a payment processing interface 114. The RFID ... tag returns RFID information in response to an interrogation. This RFID information suitably includes a unique RFID identifier, and may also include relatively comprehensive product information, including descriptive information and a product identifier that can be used to retrieve stored product information, such as price information, and can also be correlated with product identifiers taken from other data input devices. For example, the RFID information returned by

each of... 126C may include a universal product code (UPC) corresponding to the code appearing on a bar coded tag on the shirt.

Typically, the reader 108 reads whatever tags are within range, and... at the station 100. In the present exemplary case, the shirts 124A-124C also include bar codes 128A-128C, encoding the UPC information associated with each of the shirts. The controller 116 correlates the information received from the RFID tags against bar code information scanned and decoded by the bar code scanner 110. Suitably, the controller 116 receives the information from the RFID tags 126A-126C... As the shirts 124A-124C are scanned, the controller 116 receives the information from the bar code scanner 110 and correlates the universal product code information received from the bar code against that received from the RFID tags. The controller 116 establishes that the UPC information of interest appears on as many bar codes as on RFID tags, and accepts the products as having been presented for entry into the transaction. If matching occurrences of bar codes or other data entries corresponding to the RFID information are not received, the controller suitably... brought within range of the reader 108, but data from other sources, such as the bar code reader 110, may be received at any time during the transaction.

Once the controller 116... of sale terminal 102 to prepare a transaction entry. The entry may suitably include product identifier and description information, as well as timestamp information and synchronization codes. The point of sale... using the information to prepare a transaction entry, the controller 116 may use the RFID identifier or product code to retrieve product information, for example, from a product database 130 hosted on the server... The controller 116 may retrieve price information if desired, and may also use the RFID identifier for a product to look up product information. In some cases, the RFID tag affixed to a product may simply include an identifier that can be used as an index to retrieve product information. In such cases, the... the tags 126A-126C may be read at the beginning of the transaction, but the bar codes 128A-128C may not all be scanned at the beginning of the transaction. Instead, it may happen that the bar codes 128A and 128B are scanned, then a bar code 132 affixed to a necktie 134 eligible for a discount is scanned, and information for the necktie entered into the transaction. As the transaction continues, the bar code 128C may be scanned. The controller 116, on reviewing the transaction entries that have been... read the credit card and capture a customer signature. The reader controller 116 may either validate the credit card, for example, by communicating with the server 104 to transmit a validation request to a remote credit card processing center, or may alternatively pass the credit card and signature information to the point... module 240A is an RFID reader interface and control module, the module 240B is a bar code scanner interface module, the module 240C is a security tag deactivation module, and the module... if the RFID reader 108 is used with the point of sale terminal 102, the bar code scanner 110, the security tag deactivator 112, and the payment processing interface 114, and the bar code scanner 110 is replaced with an improved model, the module 240B may be changed without ... plurality of readers used in an installation. The tag information suitably includes an RFID tag identifier for each device, and may also include additional information, such as descriptive and identifying information... device is associated. Construction of the information element may be performed by using the RFID identifier to retrieve associated information, by using descriptive and identifying information stored in and received from the RFID identifier, or both. At step 506, information from other data input devices is received and correlated... be information in another form for a product bearing an RFID tag, such as a bar code also affixed to the product, so that scanning of the bar code establishes that a product whose RFID tag is detected is present at a particular point...

### IC card parameters selection

Parameterauswahl einer IC-Karte

Selection de parametres de carte IC

Country	Number	Kind	Date
International Classification (Version 8) IPC			
	Level	Value	Position
	Status	Version	Action
	Source	Office	
G06Q-0020/00	A	I	F
	B	20060101	20070524
	H	EP ...	

  

Legal Status Type	Pub. Date	Kind	Text
Language			
Fulltext Availability	Available Text	Language	Update
Word Count			
Total Word Count (Document A)			
Total Word Count (Document B)			
Total Word Count (All Documents)			

**Specification:** ...of providers; a personal data storage device (e.g. a card with a chip or magnetic stripe ), presented by the user to the first provider, the device provided with identification data to... ..on location of transaction. Further, location data of the transaction executed by means of the credit card are determined . The transaction is checked in view of granted local credit line calculated by means of... ..such selection typically only support the selection of one of many applications based on an identifier displayed to the cardholder, while the identifier does not indicate the characteristics of the credit, or do an automatic selection not involving...which the cardholder should be allowed to type (in order to have at least one matching credit parameters record) are the four values shown on Figure 3, namely \$2000, \$5000, and... ..criteria in order to display only a limited number of credit parameters records, which best match his expectations.

In a sixth mode f) the credit display module 140 lists only the... ..the specified property. Optionally, the credit parameters records are displayed only if they not only match the specified property but also belong to the subset of credit parameters records defined in...valid due to the fact that the associated credit expired. This can be achieved by comparing the "valid until" credit parameter (when such parameter exists) with the current date. The corresponding... ..131, 132, 133, 134 of the display card 100 may be associated with a credit identifier 1131, 1132, 1133, 1134. The credit identifier 1131, 1132, 1133, 1134 may be stored in the credit parameters record 131, 132, 133, 134. In particular, the stored credit identifier 1131, 1132, 1133, 1134 may comprise a serial number identifying the credit parameters record, as... ..parameters record, 7413008002 identifies the second, 7413008003 the third and

7413008004 the fourth). The credit identifier may also be computed from a set of parameters stored in the credit parameters record. For example, the credit identifier may be computed using a one-way function such as the well known SHA-1 or MD5 hashing functions. This is advantageous as the credit identifier is then strongly linked to the credit parameters, due to the mathematical properties of one-way functions. Consequently, the probability of having two distinct credit parameters records with the same credit identifier is close to zero, and there is no storage requirement in the display card for the credit identifiers, which may be recalculated from the credit parameters anytime they are needed.

The above described credit identifier can be used in an IC card 200 as well.

According to a preferred embodiment ... associated credit.

It is advantageous for the EMV display card 100 to output the credit identifier associated with a credit parameters record inside the EMV issuer application data field when the ... executes an EMV Generate(underscore)AC command involving said credit parameters record. Indeed, the credit identifier identifies the credit.

The Generate(underscore)AC command is specified in EMV and stands for ... may be advantageous to use the IDD part of the IAD for outputting the credit identifier and/or credit parameter(s). The IDD is typically reserved for the issuer. Outputting information ... of the network, architecture. For example, the EMV display card 100 may output the credit identifier of the credit parameters record in the IDD. A regular POS 401 automatically forwards the ... process took place.

In certain environments, it may be beneficial to output both a credit identifier which uniquely identifies the credit, and a set of credit parameters. For example, if the ... the new credit parameters computed by the issuer servers. Obviously, in such environments, the credit identifier should not be computed with a one-way function applied to some credit parameters. There are however other situations in which outputting both some credit parameters and a credit identifier computed with a one-way function applied to some credit parameters may be beneficial. This ... integrity check. Indeed, by recalculating the one-way function based on the credit parameters and comparing it with the credit identifier, the issuer can check the consistency of the information.

It is possible for an IC...

**Claims:** ...according to any previous claim, wherein a credit parameters record is associated with a credit identifier.

10. Display card (100) according to claim 9, wherein the credit identifier is stored in the credit parameters record.

11. Display card (100) according to claim 9, wherein the credit identifier is computed from a set of parameters stored in the credit parameters record.

12. Display ... parameters record.



14. Display card (100) according to claim 12 or 13, wherein the credit identifier associated with a credit parameters record is output by the display card (100) inside the...

? ds

Set	Items	Description
S1	62315	(CHARGE OR CREDIT OR DEBIT)(CARD OR CARDS OR INSTRUMENT?) OR CREDITCARD? OR CHARGECARD? OR DEBITCARD? OR SMARTCARD?
S2	6100	S1(5N)(AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERIFY OR VERIFYING OR VERIFIES OR VERIFICATION)
S3	10245	S1(5N)(VALID? OR IDENTIF? OR DETERMIN? OR CONFIRM?)
S4	237445	IDENTIFIER??
S5	0	S4(5N)(UNIQUE()VOLUME()BASED)
S6	35357	S4(5N)UNIQUE
S7	7	S4(5N)(NON()REPRODUCIBLE)
S8	237445	S4(5N)(CODE? ? OR CODING? OR INDICATOR? OR IDENTIFIER? OR - NUMBER? OR NUMERIC OR NUMERAL? OR SEAL OR SEALS OR IMAGE OR I- MAGES)
S9	223719	BUBBLE OR BUBBLES
S10	327	S9(5N)RANDOM
S11	0	S9(5N)(SELF()GENERATING)
S12	141	S9(5N)(CODE OR CODES OR CODED)
S13	71	S9(5N)AFFIXED
S14	426	S9(5N)(COMPARE OR COMPARES OR COMPARING OR MATCH OR MATCHES OR MATCHING)
S15	104274	MAGNETIC()STRIP?? OR BARCODE? OR BAR()CODE?? OR ELECTRONIC- ()LABEL?? OR UNFORGEABLE()LINK??
S16	409	AU=(BOURRIERES, F? OR BOURRIERES F? OR KAISER, C? OR KAISER C? OR FRANCIS(2N)BOURRIERES OR CLEMENT(2N)KAISER OR FRANK(2N- )BOURRIERES)
S17	14042	S2 OR S3
S18	4226	S17 AND (S5:S8)
S19	3	S18 AND (S10:S14)
S20	2990	S18 AND (COMPARE OR COMPARES OR COMPARING OR MATCH OR MATC- HES OR MATCHING)
S21	1204	S20 AND S15
S22	172	S21 AND IC=G06Q

? delete s20-s22

Set 20 has been deleted

Set 21 has been deleted

Set 22 has been deleted

? ds

**Dialog eLink:** [Order File History](#)

24/3K/1 (Item 1 from file: 348)

DIALOG(R)File 348: EUROPEAN PATENTS

01777962

**METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER**

VERFAHREN ZUR IDENTIFIZIERUNG UND AUTHENTIFIZIERUNG OHNE SPEZIFISCHES LESE- UND IDENTIFIKATIONSGERAT

PROCEDE D'IDENTIFICATION ET D'AUTHENTIFICATION SANS LECTEUR SPECIFIQUE D'UN IDENTIFICATEUR

METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER

**Patent Assignee:**

- **Novatec;** (3015771)  
350, avenue d'Italie, Z.A. Albasud; 82000 Montauban; (FR)  
(Proprietor designated states: all)

**Inventor:**

- **BOURRIERES, Francis**  
Chemin du QuartLes Bardonis; F-82000 Montauban; (FR)
- **KAISER, Clement**  
321, chemin des CabouillousLe Carreyat; F-82000 Montauban; (FR)
- **BOURRIERES, Francis**  
... ..FR); ;
- **KAISER, Clement**  
; ;

	Country	Number	Kind	Date	
Patent	EP	1578268	A1	20050928	(Basic)
	EP	1578268	B1	20080213	
	WO	2004054444		20040701	
Application	EP	2003813160		20031210	
	WO	2003FR3668		20031210	
Priorities	FR	0215783		20021213	

**Designated States:**

AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LI; LU; MC;  
NL; PT; RO; SE; SI; SK; TR;

**Extended Designated States:**

AL; LT; LV; MK;

**International Patent Class (V7):** A61B-005/117; G09F-003/00

International Classification (Version 8) IPC	Level	Value	Position	Status	Version	Action	Source	Office
A61B-0005/117	A	I	F	B	20060101	20040705	H	EP
G09F-0003/00	A	I	L	B	20060101	20040705	H	EP

**NOTE:** No A-document published by EPO

Legal Status Type	Pub. Date	Kind	Text
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**Language** Publication: French

Procedural: French

Application: French

Fulltext Availability Available Text	Language	Update	Word Count
CLAIMS B	(English)	200807	457
CLAIMS B	(German)	200807	467
CLAIMS B	(French)	200807	426
SPEC B	(French)	200807	2296
Total Word Count (Document A) 0			
Total Word Count (Document B) 3646			
Total Word Count (All Documents) 3646			

**Specification: ...B1****DOMAINE D'APPLICATION**

La presente invention vise a proposer un moyen pour identifier et authentifier un identificateur rattache a des objets ou a des etres vivants sans necessiter... ..tracabilite ou la securite.

**ETAT DE L'ART**

A ce jour, plusieurs moyens existent pour identifier ou authentifier les objets ou les etres vivants. Un moyen repandu consiste a apposer un... ..a la particularite de presenter des caracteristiques physiques remarquables qui peuvent etre directement utilisees pour identifier ladite personne. Dans la presente invention comme cela sera vu plus loin, la demanderesse a... ..un objet ou a un etre vivant que l'on souhaite marquer et non a identifier ou a authentifier l'objet ou l'etre vivant lui-meme. Par consequent l'objet... ..vivant.

**DESCRIPTION DE L'INVENTION :**

La presente invention vise a proposer un procede humain pour identifier et authentifier des identificateurs rattaches a des objets ou a des etres vivants sans les ... ..un reseau et l'identificateur lui-meme. Ainsi, cette invention permet de reconnaitre et d'identifier de facon indirecte des objets identiques, ce qui est particulierement nouveau et inventif.

A titre... ..de l'invention, l'identificateur peut etre rattache de maniere inviolable a l'objet a identifier ou a authentifier.

D'autres caracteristiques de l'invention apparaitront a la lecture des figures ... ..virtuellement ou de maniere physique a l'objet ou a l'etre vivant (6) a identifier . Dans le cas present et de maniere a faciliter les operations d'identification, une image... ..rendre l'identificateur inviolable, il peut etre judicieux de le coller sur l'objet a identifier , de sorte que si l'on cherche a le decoller on le deteriore de facon...

**Claims:** ...process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..human eye (12) to verify the three-dimensional appearance guaranteeing the authenticity of the aforementioned identifier (1) and that the identification or reading being made by visual comparison (B) of a two-dimensional image (2) of the identifier (1) stored in a database (4) accessible by a network (5), and the identifier himself (1).

2. Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..an appropriate scale a similar image (3) to the two-dimensional image (2) of the identifier (1) (9) (10) (11), the afore-mentioned image (2) being stored in the database (4), and that the similar image (3) is physically associated with the three-dimensional identifier (1) (9) (10) (11) to carry out a first visual comparison (C) between the volumic identifier (1) (9) (10) (11) and the similar image (3) and a second visual comparison (D... ..version stored in the database (4) and its similar representation (3) associated with the volumic identifier (1) (9) (10) (11).

3. Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..the fact that it uses a call number and possibly a password associated with the identifier in order to facilitate and secure access to the database (4).

4. Identification and authentication process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... ..to Claims 1 to 4 taken together or separately, characterized by the fact that the identifier (1) (9) (10) (11) and/or two-dimensional image (2) and/or similar image (3)...

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24/3K/2 (Item 1 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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01534571

**METHOD FOR CERTIFYING AND SUBSEQUENTLY AUTHENTICATING ORIGINAL PAPER OR DIGITAL DOCUMENTS FOR THE CONSTITUTION OF EVIDENCE**  
PROCEDE DE CERTIFICATION ET D'AUTHENTIFICATION ULTERIEURE DE DOCUMENTS ORIGINAUX PAPIER OU NUMERIQUES POUR CONSTITUTION DE PREUVES

**Patent Applicant/Patent Assignee:**

- **NOVATEC SA**  
350, Avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(For all designated states except: US)

**Patent Applicant/Inventor:**

- **BOURRIERES Francis**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Francis**  
... .. KAISER Clement ; ... .. BOURRIERES Franck

**Legal Representative:**

- **NOVATEC SA(common-representative)**  
350, Avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200777324	A1	20070712
Application	WO	2006FR2799		20061219
Priorities	FR	200512985		20051221

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)  
AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID;

IL; IN; IS; JP; KE; KG; KM; KN; KP; KR;  
KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY;  
MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA;  
NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RS; RU; SC; SD; SE; SG; SK; SL; SM; SV;  
SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 11953

### Detailed Description:

...un procede de fabrication et d'identification d'un document ainsi que le dispositif pour identifier ledit document.

L'objet de ce brevet concerne un depot aleatoire de particules finement divisees...

**Dialog eLink:** [Order File History](#)

24/3K/3 (Item 2 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01517486

### TAMPER-PROOF AND REUSABLE HIGH SECURITY SEAL

SCELLE DE HAUTE SECURITE INVOLABLE ET REUTILISABLE CHAMP D'APPLICATION  
DE L'INVENTION

**Patent Applicant/Patent Assignee:**

- **NOVATEC SA**  
350, Avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(For all designated states except: US)

**Patent Applicant/Inventor:**

- **BOURRIERES Francis**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality)
- **BOURRIERES Francis**  
... .. KAISER Clement ; ... .. BOURRIERES Franck

**Legal Representative:**

- **NOVATEC SA(agent)**  
350, Av d'Italie, ZA Albasud, f-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200760323	A1	20070531
Application	WO	2006FR2564		20061120
Priorities	FR	200511835		20051123

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; GT; HN; HR; HU; ID;  
IL; IN; IS; JP; KE; KG; KM; KN; KP; KR;  
KZ; LA; LC; LK; LR; LS; LT; LU; LV; LY;  
MA; MD; MG; MK; MN; MW; MX; MY; MZ; NA;  
NG; NI; NO; NZ; OM; PG; PH; PL; PT; RO;  
RS; RU; SC; SD; SE; SG; SK; SL; SM; SV;  
SY; TJ; TM; TN; TR; TT; TZ; UA; UG; US;  
UZ; VC; VN; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 4898

### Detailed Description:

...dans un systeme ou un lieu a proteger par des personnes non autorisees et pour identifier et authentifier des objets comme etant des originaux. Les moyens modernes les plus communs sont... ...identificateur difficile ou impossible a reproduire a l'objet ou a l'etre vivant a identifier ou a authentifier. Comme on peut le constater, ce document ne fait pas reference a... ...sur un autre objet.

Le document WO 01/11591 decrit un dispositif qui permet d' identifier des objets. Cet identificateur presente la particularite de comporter une matrice de lentilles qui genere...

## YOUR CASE

**Dialog eLink:** [Order File History](#)

24/3K/4 (Item 3 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

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01368464

**METHOD AND DEVICE FOR VERIFICATION OF NON INTRUSION INTO A SYSTEM AND/OR NON-VIOLATION OF THE INTEGRITY OF AN OBJECT OR THE CONTENTS THEREOF**

**PROCEDE ET DISPOSITIF DE VERIFICATION DE NON INTRUSION DANS UN SYSTEME ET / OU DE NON ATTEINTE A L'INTEGRITE D'UN OBJET OU DE SON CONTENU**

### Patent Applicant/Patent Assignee:

- **NOVATEC SA**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(For all designated states except: US)

### Patent Applicant/Inventor:



- **BOURRIERES Francis**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(Designated only for: US)
- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR  
(Nationality); (Designated only for: US)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(Designated only for: US)
- **BOURRIERES Francis**  
... ..Designated only for: US)
- **KAISER Clement**  
... ..Designated only for: US)
- **BOURRIERES Franck**

#### Legal Representative:

- **NOVATEC SA(common-representative)**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200648542	A1	20060511
Application	WO	2005FR2706		20051027
Priorities	FR	200411734		20041104

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
IS; JP; KE; KG; KM; KN; KP; KR; KZ; LC;  
LK; LR; LS; LT; LU; LV; LY; MA; MD; MG;  
MK; MN; MW; MX; MZ; NA; NG; NI; NO; NZ;  
OM; PG; PH; PL; PT; RO; RU; SC; SD; SE;  
SG; SK; SL; SM; SY; TJ; TM; TN; TR; TT;  
TZ; UA; UG; US; UZ; VC; VN; YU; ZA; ZM;  
ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IS; IT; LT; LU;  
LV; MC; NL; PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 9109

### English Abstract:

...characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical...

### French Abstract:

...physique (16) permettant de le relier au lieu a proteger ou a l'objet a identifier . Toute atteinte a l'integrite du scelle que ce soit a travers l'authentificateur et...

### Detailed Description:

...dans un systeme ou un lieu a proteger par des personnes non autorisees et pour identifier et authentifier des objets comme etant des originaux. Les moyens modernes les plus communs sont,... ..identificateur difficile ou impossible a reproduire a l'objet ou a l'etre vivant a identifier ou a authentifier. Comme on peut le constater, ce document ne fait pas reference a... ..sur un autre objet.

Le document WO 01/11591 decrit un dispositif qui permet d' identifier des objets. Cet identificateur presente la particularite de comporter une matrice de lentilles qui genere... ..authentificateur physique au systeme ou au lieu ou a l'objet a proteger et a identifier de facon certaine est un fil s'integrant de facon definitive et irreversible a la... ..integre au dit authentificateur qui permet de l'associer au systeme a proteger ou a identifier et qu'une intrusion dans le systeme ou le lieu a proteger ou sur le...integration au systeme ou au lieu ou eventuellement a l'objet a proteger ou a identifier . Dans cette version Pauthentificateur volumique (3), par exemple a bulles est directement integre lors de... ..(20) qui est elle-meme fixee sur le systeme (2) a proteger et/ou a identifier par l'intermediaire des rivets visibles et accessibles de l'exterieur (1 8) 30 et...

### Claims:

...qui permet de l'associer au systeme a proteger (1) (2) (25) (26) ou a identifier (20) (23) et qu'une intrusion dans le systeme ou le lieu a proteger ou... ..identificateur et le systeme ou le lieu ou l'objet a proteger et/ou a identifier .

18) Scelle d'authentification destinee a prouver la non violation d'un systeme ou d... ..identificateur et le systeme ou le lieu ou l'objet a proteger et/ou a identifier 19) Scelle d'authentification destinee a prouver la non violation d'un systeme ou d...

Dialog eLink: Order File History  
24/3K/5 (Item 4 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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01363256

**METHOD FOR MAKING SECURE TRANSACTIONS AND AUTHENTICATION OF  
OBJECTS OR DOCUMENTS**  
PROCEDE DE SECURISATION DE TRANSACTIONS ET D'AUTHENTIFICATION D'OBJETS OU  
DE DOCUMENTS

**Patent Applicant/Patent Assignee:**

- **NOVATEC SA**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(For all designated states except: US)

**Patent Applicant/Inventor:**

- **BOURRIERES Francis**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(Designated only for: US)
- **KAISER Clement**  
321, chemin des Cabouillous, Le Carreyrat, F-82000 Montauban; FR; FR (Residence); FR  
(Nationality); (Designated only for: US)
- **BOURRIERES Franck**  
Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR (Residence); FR (Nationality);  
(Designated only for: US)
- **BOURRIERES Francis**  
... ..Designated only for: US)
- **KAISER Clement**  
... ..Designated only for: US)
- **BOURRIERES Franck**

**Legal Representative:**

- **NOVATEC SA(common-representative)**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
Patent	WO	200642913	A1	20060427

	Country	Number	Kind	Date
Application	WO	2004FR2676		20041019

**Designated States:** (All protection types applied unless otherwise stated - for applications 2004+)

AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
 BR; BW; BY; BZ; CA; CH; CN; CO; CR; CU;  
 CZ; DE; DK; DM; DZ; EC; EE; EG; ES; FI;  
 GB; GD; GE; GH; GM; HR; HU; ID; IL; IN;  
 IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR;  
 LS; LT; LU; LV; MA; MD; MG; MK; MN; MW;  
 MX; MZ; NA; NI; NO; NZ; OM; PG; PH; PL;  
 PT; RO; RU; SC; SD; SE; SG; SK; SL; SY;  
 TJ; TM; TN; TR; TT; TZ; UA; UG; US; UZ;  
 VC; VN; YU; ZA; ZM; ZW;

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
 FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
 PL; PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
 ML; MR; NE; SN; TD; TG;

[AP] BW; GH; GM; KE; LS; MW; MZ; NA; SD; SL;  
 SZ; TZ; UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 4769

### English Abstract:

...comprising a number (4) and a remote database (5) connected to a telecommunications network. An identifier (3) in the form of code of bubbles self-generated in chaotic manner whereof the... ..in the form of a barcode, or in an electronic label. A representation of said identifier in the form of an image (6) and/or digital signature (7) is stored in... ..remote database (5) at the same number (4) as the one on the support. Said identifier (3) constitutes a tamper-resistant link between the magnetic track (1) or the chip or... ..written on the card (2), the link is authenticated by comparing the representation of the identifier stored in said database (5) and the actual identifier (3). If they match, the transaction is authorized or the authentication validated. Two authentication modes... ..comparison of the image signatures and the second is automatic by automatic comparison of the identifier digital signatures. The bubbles code can integrate the brand logo to be protected by superimposition.

### Detailed Description:

...un procede de fabrication et  
d'identification d'un document ainsi que le dispositif pour identifier ledit document. L'objet de ce brevet  
concerne un depot aleatoire de particules finement divisees...

**Dialog eLink:** [Order File History](#)  
24/3K/6 (Item 5 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
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01133152

**METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER  
AN IDENTIFIER**  
PROCEDE D'IDENTIFICATION ET D'AUTHENTIFICATION SANS LECTEUR SPECIFIQUE  
D'UN IDENTIFICATEUR  
METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN  
IDENTIFIER

**Patent Applicant/Patent Assignee:**

- **NOVATEC SA**  
350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR; FR(Residence); FR(Nationality);  
(For all designated states except: US)

**Patent Applicant/Inventor:**

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Chemin du Quart, Les Bardonis, F-82000 Montauban; FR; FR(Residence); FR(Nationality);  
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321, chemin des Cabouillous, Le Carreyat, F-82000 Montauban; FR; FR(Residence);  
FR(Nationality); (Designated only for: US)
- **BOURRIERES Francis**  
... ..Designated only for: US)
- **KAISER Clement**

**Legal Representative:**

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350, avenue d'Italie, ZA Albasud, F-82000 Montauban; FR;

	Country	Number	Kind	Date
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	Country	Number	Kind	Date
Patent	WO	200454444	A1	20040701
Application	WO	2003FR3668		20031210
Priorities	FR	200215783		20021213

**Designated States:** (Protection type is "Patent" unless otherwise stated - for applications prior to 2004)

AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG,  
BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB,  
GD, GE, GH, GM, HR, HU, ID, IL, IN, IS,  
JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,  
LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,  
MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD,  
SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,  
UA, UG, US, UZ, VN, YU, ZA, ZM, ZW

[EP] AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES;  
FI; FR; GB; GR; HU; IE; IT; LU; MC; NL;  
PT; RO; SE; SI; SK; TR;

[OA] BF; BJ; CF; CG; CI; CM; GA; GN; GQ; GW;  
ML; MR; NE; SN; TD; TG;

[AP] GH; GM; KE; LS; MW; MZ; SD; SL; SZ; TZ;  
UG; ZM; ZW;

[EA] AM; AZ; BY; KG; KZ; MD; RU; TJ; TM;

**Language** Publication Language: French

Filing Language: French

Fulltext word count: 3348

### English Abstract:

The invention concerns a method for identifying and authenticating without specific reader a three-dimensional identifier (1), (9), (10), (11) affixed to an object or to a living being using human.... ..in particular stereoscopic vision (A) and touch (A') enabling appreciation of the peculiarity of the identifier which renders the latter difficult or impossible to reproduce such as for example heterogeneous elements.... ..then carried out by visual comparison (B) of a two-dimensional image representing (2) the identifier (1), (9), (10), (11) stored in a database (4) accessible through the network (5) and the identifier himself.

### Detailed Description:

...UN

ETRE VIVANT

DOMAINE D'APPLICATION

La presente invention vise a proposer un moyen -pour identifier et authentifier un identificateur rattache a des objets ou a des etres vivants sans necessiter... ...tracabilite ou la securite.

ETAT DE L'ART

A ce jour, plusieurs moyens existent pour identifier ou authentifier les objets ou les etres vivants. Un moyen repandu consiste a apposer un... ...a la particularite de presenter des caracteristiques physiques remarquables qui peuvent etre directement utilisees pour identifier ladite personne. Dans la presente invention comme cela sera vu plus loin, la demanderesse a... ...un objet ou a un etre vivant que l'on souhaite marquer et non a identifier ou a authentifier l'objet ou l'etre vivant lui-meme. Par consequent l'objet... ...vivant.

DESCRIPTION DE L'INVENTION.

La presente invention vise a proposer un procede humain pour identifier et authentifier des identificateurs rattaches a des objets ou a des etres vivants sans les ... ...un reseau et l'identificateur lui-meme. Ainsi, cette invention permet de reconnaitre et d' identifier de facon indirecte des objets identiques, ce qui est particulierement nouveau et inventif

A titre... ...de l'invention,

l'identificateur peut etre rattache de maniere inviolable a l'objet a identifier ou a authentifier.

D'autres caracteristiques de l'invention apparaitront a la lecture des figures ... ...virtuellement ou de maniere physique a l'objet ou a l'etre vivant (6) a identifier . Dans le cas present et de maniere a faciliter les operations d'identification, une iniage... ...rendre l'identificateur inviolable, il peut etre judicieux de le coller sur l'objet a identifier , de sorte que si l'on cherche a le decoller on le deteriore de facon...

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24/3,K/7 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015874340

WPI Acc no: 2006-406017/200642

XRPX Acc No: N2006-338666

**Sealed container e.g. case, tracing and authenticating method, involves associating mobile and/or fixed databases which store and associate representation of identifier to nature, origin, destination and quantity of goods in container**

Patent Assignee: NOVATEC SA (NOVA-N); SOC NOVATEC SA (NOVA-N)  
 Inventor: BOURRIERES F; KAISER C

Patent Family ( 3 patents, 112 & countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2878634	A1	20060602	FR 200412718	A	20041201	200642	B
WO 2006058996	A1	20060608	WO 2005FR2972	A	20051125	200642	E
EP 1817749	A1	20070815	EP 2005822894	A	20051125	200755	E
			WO 2005FR2972	A	20051125		

Priority Applications (no., kind, date): FR 200412718 A 20041201

Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
FR 2878634	A1	FR	13	0		
WO 2006058996	A1	FR				
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MD MG MK MN MW MX MZ NA NG NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
EP 1817749	A1	FR			PCT Application	WO 2005FR2972
					Based on OPI patent	WO 2006058996
Regional Designated States,Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR					

...authenticating method, involves associating mobile and/or fixed databases which store and associate representation of identifier to nature, origin, destination and quantity of goods in container Inventor: BOURRIERES F ... KAISER C **Alerting Abstract** ...NOVELTY - The method involves associating a seal integrating a unique and non-modifiable identifier to ensure closing of a container. A mobile secured database accompanying the container and/or... and/or in transit. The databases permits to store and associate a representation of the identifier to the nature, origin, destination and quantity of goods carried away in the container. ...ADVANTAGE - The association of the databases storing and associating the representation of the identifier to the nature, origin, destination and quantity of goods permits to trace and authenticate the... Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES, Francis ... KAISER,



Clement ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES, Francis ... .. KAISER, Clement

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24/3.K/8 (Item 2 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015773708 & *Drawing available*

WPI Acc no: 2006-335103/200635

XRPX Acc No: N2006-283782

**System e.g. computer, non-intrusion or object e.g. cargo, integrity non-violation verification method, involves connecting identifier by wire to site/system/object, so that tentative opening of site/system/object modifies identifier/wire**

Patent Assignee: NOVATEC SA (NOVA-N); SOC NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 5 patents, 112 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2877472	A1	20060505	FR 200411734	A	20041104	200635	B
WO 2006048542	A1	20060511	WO 2005FR2706	A	20051027	200635	E
EP 1810266	A1	20070725	EP 2005815185	A	20051027	200750	E
			WO 2005FR2706	A	20051027		
CN 101053003	A	20071010	CN 200580037826	A	20051027	200820	E
			WO 2005FR2706	A	20051027		
US 20080142671	A1	20080619	WO 2005FR2706	A	20051027	200843	E
			US 2007718205	A	20070427		

Priority Applications (no., kind, date): FR 200411734 A 20041104

EP 1810266	A1	FR		Patent Details	WO 2005FR2706
Patent Number	Kind	Lang	Pgs	Draw	Based on OPI patent Filing No
FR 2877472	A1	FR	24	6	WO 2006048542
WO 2006048542	A1	EN	24	6	
States,Original	AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR				
CN 101053003	A	EN	24	6	
National	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR				
Designated	KG KM KN KP KR KZ LC LT LU LV LY MA MD ME MG MK MN MW MX MY NA NG NT NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LT LU LV MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				
Regional					
Designated					
States,Original					

...computer, non-intrusion or object e.g. cargo, integrity non-violation verification method, involves connecting identifier by wire to site/system/object, so that tentative opening of site/system/object modifies identifier /wire Inventor: BOURRIERES F ... KAISER C **Alerting Abstract** ...NOVELTY - The method involves utilizing a physical unique and non-reproducible identifier (3), with bubbles formed by a chaotic process, whose representation is stored in a database. A wire is provided for connecting the identifier to a site/system/object, such that any tentative opening of the site/system/object modifies the identifier to render the identifier non reusable and/or modifies the wire, in a visible manner. ... ADVANTAGE - The modification of the identifier and/or the wire in a visible manner, during tentative opening of the site/system/object, permits verification of the integrity of the identifier and its correspondence with its stored representation, thus preventing act of malice. The method thus... ... intrusion or violation. The bubbles are formed by the chaotic process during manufacturing of the identifier , thus preventing reproducing of the identifier in a definite way... ... 3 Identifier Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES F ... KAISER C ... BOURRIERES, Francis ... KAISER, Clement ... BOURRIERES F ... KAISER C ... Bourrieres, Francis ... Kaiser, Clement ... BOURRIERES, Francis ... KAISER, Clement ...**Original Abstracts:**characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical... characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical... characteristic of which is to be always unique and non-reproducible. A representation of said identifier with bubbles is stored in the form of an image and/or digitally in a database local or remote to the address (17), for authentication of the assignment of the identifier in situ or on the object for protection. Said authenticator is provided with a physical... physique (16) permettant de le relier au lieu a proteger ou a l'objet a identifier . Toute atteinte a l'integrite du scelle que ce soit a travers l'authentificateur et...

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24/3,K/9 (Item 3 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015754827 & *Drawing available*

WPI Acc no: 2006-316608/200633

XRPX Acc No: N2006-269204

**Transaction securing and object/document e.g. passport, authenticating method for e.g. Internet, involves comparing representation of bubbles code form identifier in form of image and/or digital signature stored in database and identifier**

Patent Assignee: NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 1 patents, 106 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2006042913	A1	20060427	WO 2004FR2676	A	20041019	200633	B

Priority Applications (no., kind, date): WO 2004FR2676 A 20041019

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
WO 2006042913	A1	FR	26	4	
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW				
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW				

...g. passport, authenticating method for e.g. Internet, involves comparing representation of bubbles code form identifier in form of image and/or digital signature stored in database and identifier Inventor: BOURRIERES F ... KAISER C Alerting Abstract ...NOVELTY - The method involves physically attaching an identifier (3), in the form of bubbles code, to a card or label comprising a number (4). A representation of the identifier in the form of an image (6) and/or digital signature (7) is stored in a remote database (5) at the number. The identifier constitutes a tamper-resistant link authenticated by comparing the representation and the actual identifier (3), upon a call from the database. ...ADVANTAGE - The comparison of the representation of the bubbles code form identifier in the form of an image or digital signature stored in the remote database and the actual bubbles code form identifier permits to secure and authorize transaction or validate the authentication of the objects or documents... inexpensive manner. The use of the bubbles code enables to prevent the dissimulation of the identifier , and constitute a dissuasion unit with respect to forgers who are unable to reproduce it... protected by superimposition. The authentication can be performed by visual or automatic comparison of the identifier digital signatures or images... 3 Identifier Original Publication Data by AuthorityArgentinaPublication No. Inventor name & address: BOURRIERES, Francis ... KAISER, Clement ...Original Abstracts:comprising a number (4) and a remote database (5) connected to a telecommunications network. An identifier (3) in the form of code of bubbles self-generated in chaotic manner whereof the characteristic is to be... in the form of a barcode, or in an electronic label. A representation of said identifier in the form of an image (6) and/or digital signature (7) is stored in a remote database (5) at the same number (4) as the one on the support. Said identifier (3) constitutes a tamper -resistant link between the magnetic track (1) or the chip or RFID or code and... written on the card (2), the link is authenticated by comparing the representation of the identifier stored in said database (5) and the actual identifier (3). If they match , the transaction is authorized or the authentication validated. Two authentication modes are possible: the first... comparison of the image signatures and the second is automatic by automatic comparison of the identifier digital signatures. The

bubbles code can integrate the brand logo to be protected by superimposition...

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24/3.K/10 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014918049 & & *Drawing available*

WPI Acc no: 2005-265740/200528

XRPX Acc No: N2005-218522

**Card e.g. bank card, transaction securitization method for shop, involves authenticating connection between card and database by comparison between representation of identifier and real identifier for authorizing transaction by card**

Patent Assignee: NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Family ( 2 patents, 2 & countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2860670	A1	20050408	FR 200311527	A	20031002	200528	B
US 20050075984	A1	20050407	US 2003712659	A	20031113	200528	E

Priority Applications (no., kind, date): FR 200311527 A 20031002

Patent Details					
Patent Number	Kind	Lang	Pgs	Draw	Filing Notes
FR 2860670	A1	FR	13	2	

**...method for shop, involves authenticating connection between card and database by comparison between representation of identifier and real identifier for authorizing transaction by card**

**Original Titles:**Method to make transactions secure by means of cards having unique and non-reproducible identifiers Inventor: BOURRIERES F ... .. KAISER C **Alerting Abstract** ...NOVELTY - The method involves integrating a real identifier (3) with a card (2) having a magnetic track (1) with a number (4). A representation of the identifier in the form of an image (6) and digital signature (7) is stored in a ... ..connection between the card and database is authenticated by comparison between the representation of the identifier and the real identifier for authorizing transaction by the card. ...3 Real identifier Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. Bourrieres, Francis ...**Original Abstracts:**and a remote database (5) connected to a telecommunications network. A unique and non-reproducible identifier (3) in the form of a bubble code is physically affixed to the card (2... .. magnetic strip, of a bar code, or in an electronic label. One representation of this identifier (6) and or (7) is stored in the remote database (5) at the same number (4) as that present on the medium. This identifier (3) constitutes an unforgeable link between the magnetic strip (1) and the database (5). When... .. recorded on the card, a link authentication is performed by

comparing the representation of the identifier stored in said database and the actual identifier.

>...**Claims:**5) connected to a telecommunications network (9), characterized in that a unique and non-reproducible identifier (3) is physically integrated in the medium (2) comprising the number (4), this identifier (3) constitutes an unforgeable link between the number (4) located on the medium and information... 4) in the database (5), said stored information comprises at least one representation of the identifier comprising an image (6) and/or a digital signature (7) of the unique and non-reproducible identifier (3), the link authentication is performed by means of a comparison between a representation of the identifier (6 or 7) stored in said database (5) and the identifier (3) located on the medium (2), and if there is agreement, the transaction is authorized.

**Dialog eLink: Order File History**

24/3,K/11 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014283880 & & Drawing available

WPI Acc no: 2004-470455/200445

XRPX Acc No: N2004-371802

**Method of identification and authentication without specific reader of marking on an object or living thing, uses visual comparison between marking and image of mark held on database and sent over communication network**

Patent Assignee: NOVATEC (NOVA-N); NOVATEC SA (NOVA-N); NOVATEK SA (NOVA-N)

Inventor: BORRIERES F; BOURRIERES F; KAISER C

ZA 200504426	A	20070328	ZA 200504426 100 & c	20070328	20031210	200722	E
<b>Patent Number</b>	<b>Kind</b>	<b>Date</b>	<b>Application Number</b>	<b>Kind</b>	<b>Date</b>	<b>Index</b>	<b>Type</b>
FR 2848698	A1	20040618	FR 20040618	A	20031210	200445	B
WO 2003084444	B1	20030203	WO 2003084444	A	20031210	200845	E
AU 2003296814	A1	20040709	WO 2003084444	A	20031210	200474	E
BR 000393385	B	20080830	BR 000393385	A	20031210	200838	E
			WO 2003084444	A	20031210		
EP 1578268	A1	20050928	WO 2003084444	A	20031210	200563	E
ES 2300659	T3	20080616	WO 2003084444	A	20031210	200845	E
RU 200500254	P2	20080930	WO 2003084444	A	20031210	200870	E
			RU 200500254	A	20030330		
US 20060033303	B1	20060909	WO 2003084444	A	20031010	200613	E
			US 2005530093	A	20050401		
ON 6037994	A2	20060204	ON 6037994 4217	A	20031210	200639	E
KR 2006024326	A	20060316	WO 2003084444	A	20031210	200662	E
			WO 2003084444	A	20030810		

Priority Applications (no., kind, date): FR 200215783 A 20021213

ES 2300659	T3	ES			Patent Application	EP 2003813160
<b>Patent Number</b>	<b>Kind</b>	<b>Lan</b>	<b>Pgs</b>	<b>Draw</b>	<b>Based on OPI patent Filing No.</b>	<b>EP 1578268</b>
FR 2886018	B1	FR	16	5	PCT Application	WO 2003FR3668
WO 2004054444	A1	FR			Based on OPI patent	WO 2004054444
US 7438237	BE AG AN AM AT AU AZ B	GB BG BR BW BY BZ CA	CH CN CR CS CU CZ	DE DK DM DZ EC EE ES FI	GB GD GH GI GM HR HU	IE IT JP KE KG
National	DE DK DM DZ EC EE ES FI	GB GD GH GI GM HR HU	IE IT JP KE KG	KP KR CZ LC LK LR LS LT	LU LV MA MD MG MK MN	MW MX MZ NO NZ
Designated	DE 60219134	T3			Application	EP 2003813160
States, Original	OM PH PE PT RO RU SD SE	SI SK SL SI TM TN TR TT	UA UG US UZ VN	YU ZA ZM ZW	PCT Application	WO 2003FR3668
Regional	AT BE BG CH CY CZ DE DK	EE ES FI FR GB GH GI GM	GR HU IE IT KE LS	LU MC MW MZ NL OA PT	RO SE SI SK SL SI TM	TN TR TT UA UG US UZ VN
Designated	AT BE BG CH CY CZ DE DK	EE ES FI FR GB GH GI GM	GR HU IE IT KE LS	LU MC MW MZ NL OA PT	RO SE SI SK SL SI TM	TN TR TT UA UG US UZ VN
States, Original	LU MC MW MZ NL OA PT	RO SE SI SK SL SI TM	TN TR TT UA UG US UZ VN			
AU 2003296814	A1	EN			Based on OPI patent	WO 2004054444
BR 200315585	A	PT			PCT Application	WO 2003FR3668
					Based on OPI patent	WO 2004054444
EP 1578268	A1	FR			PCT Application	WO 2003FR3668
					Based on OPI patent	WO 2004054444
Regional	AL AT BE BG CH CY CZ DE	DK EE ES FI FR GB GR HU	IE IT LI LT LU LV MC	MK NL PT RO SE SI SK	TR	
Designated	AL AT BE BG CH CY CZ DE	DK EE ES FI FR GB GR HU	IE IT LI LT LU LV MC	MK NL PT RO SE SI SK	TR	
States, Original	AL AT BE BG CH CY CZ DE	DK EE ES FI FR GB GR HU	IE IT LI LT LU LV MC	MK NL PT RO SE SI SK	TR	
IN 200500244	P3	EN			PCT Application	WO 2003FR3668
US 20060053303	A1	EN			PCT Application	WO 2003FR3668
KR 2006024326	A	KO			PCT Application	WO 2003FR3668
					Based on OPI patent	WO 2004054444
ZA 200504426	A	EN	27			
JP 2007535682	W	JA	16		PCT Application	WO 2003FR3668
					Based on OPI patent	WO 2004054444
EP 1578268	B1	FR			PCT Application	WO 2003FR3668
					Based on OPI patent	WO 2004054444
Regional	AT BE BG CH CY CZ DE DK	EE ES FI FR GB GR HU	IE IT LI LU MC NL PT	RO SE SI SK TR		
Designated	AT BE BG CH CY CZ DE DK	EE ES FI FR GB GR HU	IE IT LI LU MC NL PT	RO SE SI SK TR		
States, Original	AT BE BG CH CY CZ DE DK	EE ES FI FR GB GR HU	IE IT LI LU MC NL PT	RO SE SI SK TR		
DE 60319134	E	DE			Application	EP 2003813160
					PCT Application	WO 2003FR3668
					Based on OPI patent	EP 1578268
					Based on OPI patent	WO 2004054444

**Original Titles:**METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ... ..METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ... ..METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ... ..Method for identification and authenticating without specific reader an identifier ... ..Method for identification and authenticating without specific reader an identifier ... ..METHOD FOR IDENTIFYING AND AUTHENTICATING WITHOUT SPECIFIC READER AN IDENTIFIER ...Inventor: BOURRIERES F ... .. KAISER C Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES F ... .. KAISER C ... .. KAISER C ... .. BOURRIERES F ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F, FR ... .. KAISER C, FR ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. KAISER C ... .. KAISER, Clement ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES F ... .. KAISER C **Original Abstracts:**The invention concerns a method for identifying and authenticating without specific reader a three-dimensional identifier (1), (9), (10), (11) affixed to an object or to a living being using human... .. in particular stereoscopic vision (A) and touch (A') enabling appreciation of the peculiarity of the identifier which renders the latter difficult or impossible to reproduce such as for example heterogeneous elements... .. then carried out by visual comparison (B) of a two-dimensional image representing (2) the identifier (1), (9), (10), (11) stored in a database (4) accessible through the network (5) and the identifier himself... .. Identification and authentication procedure without specific reader of a three-dimensional identifier (1), (9), (10), (11) attached to an object or living being by using sensory capabilities... .. capabilities (A) and its tactile sense (Aprime) permitting the appreciation of the particularity of the identifier which renders the latter difficult or impossible to reproduce which are, for example, heterogeneities mixed... .. carried by the visual comparison (B) of a two-dimensional representation image (2) of the identifier (1) (9) (10) (11) stored in a database (4) accessible by a network (5) and the identifier himself... .. Identification and authentication procedure without specific reader of a three-dimensional identifier (1), (9), (10), (11) attached to an object or living being by using sensory capabilities... .. capabilities (A) and its tactile sense (Aprime) permitting the appreciation of the particularity of the identifier which renders the latter difficult or impossible to reproduce which are, for example, heterogeneities mixed... .. carried by the visual comparison (B) of a two-dimensional representation image (2) of the identifier (1) (9) (10) (11) stored in a database (4) accessible by a network (5) and the identifier himself... .. The invention concerns a method for identifying and authenticating without specific reader a three-dimensional identifier (1), (9), (10), (11) affixed to an object or to a living being using human... .. in particular stereoscopic vision (A) and touch (A') enabling appreciation of the peculiarity of the identifier which renders the latter difficult or impossible to reproduce such as for example heterogeneous elements... .. then carried out by visual comparison (B) of a two-dimensional image representing (2) the identifier (1), (9), (10), (11) stored in a database (4) accessible through the network (5) and the identifier himself... ..**Claims:**process, indirect and without reader, of an object with the assistance of a three-dimensional identifier attached to the object, the identifier presenting heterogeneities distributed in a random manner within a transparent material rendering the latter difficult... .. human eye (12) to verify the three-dimensional appearance guaranteeing the authenticity of the aforementioned identifier (1) and that the identification or reading being made by visual comparison (B) of a two-dimensional image (2) of the

identifier (1) stored in a database (4) accessible by a network (5), and the identifier himself (1... .. a specific reader, for identifying an object the process characterized in that: a three-dimensional identifier is attached to the review object, the identifier presenting three-dimensional heterogeneities distributed in a random manner within a transparent material rendering the identifier difficult or impossible to reproduce, the process uses stereoscopic vision (A) of the human eye (12) to verify a three-dimensional appearance and confirm the authenticity of the three-dimensional identifier (1), and the identification process or reading is made by visual comparison (B) of a two-dimensional first image (2) of the three-dimensional identifier (1) stored in a database (4) accessible by a network (5), to the three-dimensional identifier (1).

**Dialog eLink: Order File History**

24/3,K/12 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0010935318 & & *Drawing available*

WPI Acc no: 2001-557584/200162

XRPX Acc No: N2001-414369

**Method for identifying and authenticating objects, human beings, or transactions designed to optimize reading of a non reproducible identifier**

Patent Assignee: BOURRIERES F (BOUR-I); KAISER C (KAIS-I); NOVATEC SA (NOVA-N); SOC NOVATEC SA (NOVA-N)

Inventor: BOURRIERES F; KAISER C

Patent Number		Patent Family		WO 2001FR322 & co		20010202	
Patent Number	Kind	2001016	Application Number	Kind	20010202	Update	Type
DE 2001825831	A1	20010808	DE 2001825831	A	20010202	200643	B
FR 2804783	A1	20010810	FR 200094039	A	20000203	200162	E
FR 2804784	A1	20010810	FR 2001182967	A	20000209	200162	E
DE 200131967	A1	20010804	DE 200131967	A	20010202	200680	E
EP 1252616	A1	20021030	EP 2001904039	A	20010202	200279	E
			WO 2001FR322	A	20010202		
US 2000084647	B1	20080310	WO 2001FR322	A	20010202	200898	E
			US 2002182967	A	20020801		
JP 2003521717	W	20030715	JP 2001557005	A	20010202	200347	E
			WO 2001FR322	A	20010202		
EP 1252616	B1	20050907	EP 2001904039	A	20010202	200559	E
			WO 2001FR322	A	20010202		
DE 60113232	E	20051013	DE 60113232	A	20010202	200568	E
			EP 2001904039	A	20010202		



Priority Applications (no., kind, date): FR 20001403 A 20000204; FR 20003148 A 20000313; FR 200012860 A 20001009

				Patent	PCT Application	WO 2001FR322
<b>Patent Number</b>	<b>Kind</b>	<b>Lang</b>	<b>Pgs</b>	<b>Draw</b>	Based on OPI patent	Filing No.
WO 2001057831	A1	FR	23	4	Based on OPI patent	WO 2001057831
US 7380128	BE AG AN AM AT AU AZ BA BB BG BR BY BZ CA CH	EN	23	4	PCT Application	WO 2001FR322
Designated	DM DZ EE ES FI GE GD GE GH GM GR HU ID IL IN IS JP KE KG KR KZ				Based on OPI patent	WO 2001057831
States, Original	LCL LK LR L3 LT LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU				Based on OPI patent	WO 2001057831
	SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Regional Designated States, Original	AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200131967	A	EN			Based on OPI patent	WO 2001057831
EP 1252616	A1	FR			PCT Application	WO 2001FR322
					Based on OPI patent	WO 2001057831
Regional Designated States, Original	AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
US 20030014647	A1	EN			PCT Application	WO 2001FR322
JP 2003521717	W	JA	20		PCT Application	WO 2001FR322
					Based on OPI patent	WO 2001057831
EP 1252616	B1	FR			PCT Application	WO 2001FR322
					Based on OPI patent	WO 2001057831
Regional Designated States, Original	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR					
DE 60113232	E	DE			Application	EP 2001904039
					PCT Application	WO 2001FR322
					Based on OPI patent	EP 1252616
					Based on OPI patent	WO 2001057831
ES 2248279	T3	ES			Application	EP 2001904039
					Based on OPI patent	EP 1252616
DE 60113232	T2	DE			Application	EP 2001904039
					PCT Application	WO 2001FR322
					Based on OPI patent	EP 1252616
					Based on OPI patent	WO 2001057831
DE 60113232	T9	DE			Application	EP 2001904039

...and authenticating objects, human beings, or transactions designed to optimize reading of a non reproducible identifier Inventor: BOURRIERES F ... .. KAISER C **Alerting Abstract** ...NOVELTY - Reading of unique non - reproducible volume identifier (100) of type including mix of at least two distinguishable materials (110,120). Recognize internal heterogeneous structure in two dimensions of the identifier then show evidence to prove its third dimension. Show the volume disposition of material arrangement contained in identifier by analysis of shadows (121) generated by material as function of incidence angle of light with respect to the identifier . **DESCRIPTION** - The identifier contains bubbles (120). Read and show the volume disposition of the bubbles contained in the identifier (100) by successive submission, without delay of the identifier , to a diffused light produced by a projection (700) along two dimensions of the bubble... ..110) so as to prove its volume aspect. Show the volume disposition (800) of the identifier (100) by analysis of the shapes reflected by the bubbles (120) contained in the identifier (100) as a function of the illumination. The method uses a bank of lamps passing... ..to create diffuse lighting or a single set is illuminated to create a beam. The identifier is a transparent material (110) whose bubbles are auto-generated by a thermal process during... ..100 identifier Original Publication Data by AuthorityArgentina**Publication No.** Inventor name & address: BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement ... .. BOURRIERES F ... .. KAISER C ... .. BOURRIERES F ... .. KAISER C ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. Bourrieres, Francis ... .. Kaiser, Clement ... .. BOURRIERES, Francis ... .. KAISER, Clement

**Dialog eLink:** [Order File History](#)

24/3,K/13 (Item 1 from file: 371)

DIALOG(R)File 371: French Patents

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000994462 **\*\*Image available\*\***

**Title: PROCEDE UNIVERSEL D'IDENTIFICATION ET D'AUTHENTIFICATION D'OBJETS, DE VEGETAUX OU D'ETRES VIVANTS**

**Patent** NOVATEC (SIREN No. 399620749 )

**Applicant/Assignee:**

**Applicant Address:** NOVATEC (Soci t anonyme) - Deposant - 350 AVENUE D ITALIE ZA ALBASUD 82000 MONTAUBAN (FR-82000)

**Inventor(s):** BOURRIERES FRANCIS - CHEMIN DU QUART LES BARDONIS 82000 MONTAUBAN (FR-82000)  
KAISER CLEMENT - 321 CHEMIN DES CABOUILLOUS LE CARREYRAT 82000 MONTAUBAN (FR-82000)

**Legal Representative:** DELHAYE

**Document Type:** Patent / Brevet

**Patent and Priority Information (Country, Number, Date):**

**Patent:** FR 2804784 - 20010810

**Application:** FR 0012860 - 20001009

**Priority Application:** FR 001403 - 20000204  
FR 003148 - 20000313

**Legal Status**

Type	Action Date	BOPI No	Description
Publication	20010810	0132	Date published
Search Report	20010810	0132	Date Search Report published

**Inventor(s):** BOURRIERES FRANCIS - ... KAISER CLEMENT -

**Abstract:**

...identification ou identificateur lie materiellement au non aux objets, vegetaux, etres vivants, ou services a identifier , remarquable en ce consiste a realiser des identificateurs volumiques (7) avec un melange heterogene et...

**Dialog eLink:** [Order File History](#)

24/3,K/14 (Item 2 from file: 371)

DIALOG(R)File 371: French Patents

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000994461 **\*\*Image available\*\***

**Title: PROCEDE UNIVERSEL D'IDENTIFICATION ET D'AUTHENTIFICATION D'OBJETS, DE VEGETAUX OU D'ETRES VIVANTS**

**Patent** NOVATEC SA (SIREN No. 399620749 )

**Applicant/Assignee:**

**Applicant Address:** SOCIETE NOVATEC SA (Soci t anonyme) - Deposant - 350 AVENUE D  
ITALIE ZA ALBASUD 82000 MONTAUBAN (FR-82000)

**Inventor(s):** BOURRIERES FRANCIS - CHEMIN DU QUART LES BARDONIS 82000  
MONTAUBAN (FR-82000)

KAISER CLEMENT - 321 CHEMIN DES CABOUILLOUS LE

CARREYRAT 82000 MONTAUBAN (FR-82000)

**Legal Representative:** SOCIETE NOVATEC SA

**Document Type:** Patent / Brevet

**Patent and Priority Information (Country, Number, Date):**

**Patent:** FR 2804783 - 20010810

**Application:** FR 001403 - 20000204

**Priority Application:** FR 001403 - 20000204

**Legal Status**

Type	Action Date	BOPI No	Description
Publication	20010810	0132	Date published

**Inventor(s):**

BOURRIERES FRANCIS - ... ... KAISER CLEMENT -

**Abstract:**

...d'objets, de vegetaux ou d'etres vivants.L'invention concerne un procede permettant d' identifier et d'authentifier des objets, des vegetaux, des personnes ou des animaux.Il met en...  
mages are to be...

## IV. Text Search Results from Dialog

### A. Abstract Databases

File 2:INSPEC 1898-2009/Apr W1  
(c) 2009 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2009/Mar  
(c) 2009 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2009/Apr 09  
(c) 2009 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2009/Feb  
(c) 2009 The IHW Wilson Co.  
File 474:New York Times Abs 1969-2009/Apr 12  
(c) 2009 The New York Times  
File 475:Wall Street Journal Abs 1973-2009/Apr 11  
(c) 2009 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage

? ds

Set	Items	Description
S1	32086	(CHARGE OR CREDIT OR DEBIT)(CARD OR CARDS OR INSTRUMENT?) OR CREDITCARD? OR CHARGECARD? OR DEBITCARD? OR SMARTCARD?
S2	452	S1(5N)(AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERIFY OR VERIFYING OR VERIFIES OR VERIFICATION)
S3	359	S1(5N)(VALID? OR IDENTIF? OR DETERMIN? OR CONFIRM?)
S4	8083	IDENTIFIER??
S5	0	S4(5N)(UNIQUE(VOLUME)BASED)
S6	535	S4(5N)UNIQUE
S7	0	S4(5N)(NON(REPRODUCIBLE)
S8	8083	S4(5N)(CODE? ? OR CODING? OR INDICATOR? OR IDENTIFIER? OR - NUMBER? OR NUMERIC OR NUMERAL? OR SEAL OR SEALS OR IMAGE OR I- MAGES)
S9	57985	BUBBLE OR BUBBLES
S10	172	S9(5N)RANDOM
S11	0	S9(5N)(SELF(GENERATING)
S12	89	S9(5N)(CODE OR CODES OR CODED)
S13	1	S9(5N)AFFIXED
S14	217	S9(5N)(COMPARE OR COMPARES OR COMPARING OR MATCH OR MATCHES OR MATCHING)
S15	7227	MAGNETIC(STRIP?? OR BARCODE? OR BAR(CODE?? OR ELECTRONIC- (LABEL?? OR UNFORGEABLE)LINK??
S16	848	AU=(BOURRIERES, F? OR BOURRIERES F? OR KAISER, C? OR KAISER C? OR FRANCIS(2N)BOURRIERES OR CLEMENT(2N)KAISER OR FRANK(2N- )BOURRIERES)
S17	787	S2 OR S3
S18	10	S17 AND (S5:S8)
S19	0	S18 AND (S10:S14)
S20	0	S18 AND S15
S21	10	RD S18 (unique items)
S22	0	S16 AND S1
S23	0	S16 AND IDENTIFIER??

S24 8 S16 AND BUBBLE??  
S25 0 S24 AND CARD??

?

Dialog eLink:

**USPTO Full Text Retrieval Options**

21/3,K/1 (Item 1 from file: 2)

DIALOG(R)File 2: INSPEC

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10207688

**Title:** Wireless identification - privacy and security

**Author** Soppera, A.; Burbridge, T.

**Author Affiliation:** BT Network Res. Centre, UK

**Journal:** BT Technology Journal vol.23, no.4 p. 54-64

**Publisher:** British Telecommunications plc ,

**Publication Date:** Oct. 2005 **Country of Publication:** UK

**CODEN:** BTJUEH **ISSN:** 1358-3948

**SICI:** 1358-3948(200510)23:4L:54:WIPS;1-8

**Material Identity Number:** 0923-2006-001

**Item Identifier (DOI):** [10.1007/s10550-006-0007-z](https://doi.org/10.1007/s10550-006-0007-z)

**Language:** English

**Subfile:** B C

Copyright 2006, The Institution of Engineering and Technology

**Abstract:** The government has plans for electronic ID cards, passports and vehicle identification . In industry, smartcards , intelligent tickets, RFID and active tags are increasingly available at low cost technology that was... ..provide Wi-Fi location-based services. We are seeing a proliferation of user and object identifiers (more correctly termed 'identifying tokens') that can be read at a range. Barriers between the physical and information world are disappearing and contactless identifiers promise great benefits for their users. Identifiers can be read at high speeds and low cost without human intervention. The convergence of technologies causes an increased number of players to rely on identifiers that are reused in multiple domains and contexts. The result is that the user loses control over their identifiers , and security and privacy vulnerabilities affect the value of the identifiers to applications. In this paper, we describe what we mean by identifier security, and discuss the options available to the system designer to mitigate the security and... ..risks. We remark on the lack of a common regulatory framework for the control of identifiers , and suggest that technology should be used to provide the first and best layer of...

**Identifiers:** ...user identifiers ; ... ..object identifiers ; ... ..contactless identifiers ; ... .. identifier security

**Astronomical Objects:**

Dialog eLink:

**USPTO Full Text Retrieval Options**

21/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2: INSPEC

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10172430

**Title:** Personal identity management in the information polity: the case of the UK national identity card

**Author** Beynon-Davies, P.

**Author Affiliation:** Cardiff Bus. Sch., Cardiff Univ., UK

**Journal:** Information Polity vol.11, no.1 p. 3-19

**Publisher:** IOS Press ,

**Publication Date:** 2006 **Country of Publication:** Netherlands

**CODEN:** IPNOAU **ISSN:** 1570-1255

**SICI:** 1570-1255(2006)11:1L3:PIMI;1-Q

**Material Identity Number:** L500-2006-003

**U.S. Copyright Clearance Center Code:** 1570-1255/2006/\$17.00

**Language:** English

**Subfile:** C

Copyright 2006, The Institution of Engineering and Technology

**Abstract:** ...or she engages. As a consequence, an individual may accumulate a vast array of personal identifiers for such 'services' and is also likely to accrue a range of physical representations of such multiple identification : credit card , debit card , driving licence, passport, library card, parking permit etc. Hence, multiple identity management is a significant... ..authentication, identification and enrolment. These processes serve to locate the three elements of the person, identifiers and identity that help define the socio-technical network which comprises the issue of personal...

21/3,K/3 (Item 3 from file: 2)

DIALOG(R)File 2: INSPEC

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09705706

**Title:** Picking virtual pockets using relay attacks on contactless smartcard systems

**Author** Kfir, Z.; Wool, A.

**Author Affiliation:** Sch. of Electr. Eng., Tel Aviv Univ., Israel

**Conference Title:** First International Conference on Security and Privacy for Emerging Areas in Communications Network p. 47-58

**Publisher:** IEEE Comput. Soc , Los Alamitos, CA, USA

**Publication Date:** 2005 **Country of Publication:** USA xiii+426 pp.

**ISBN:** 0 7695 2369 2 **Material Identity Number:** XX-2005-01876

**U.S. Copyright Clearance Center Code:** 7695-2369/05/\$20.00

**Conference Title:** First International Conference on Security and Privacy for Emerging Areas in Communications Network

**Conference Date:** 5-9 Sept. 2005 **Conference Location:** Athens, Greece

**Language:** English

**Subfile:** B C

Copyright 2006, IEE

**Abstract:** ...a smartcard that can communicate with other devices without any physical connection,

using radio-frequency identifier (RFID) technology. Contactless smartcards are becoming increasingly popular, with applications like credit-cards, national-ID, passports, physical access. The...

**Identifiers:** ...radiofrequency identifier technology...

**Astronomical Objects:**

21/3,K/4 (Item 4 from file: 2)

DIALOG(R)File 2: INSPEC

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08755961 **INSPEC Abstract Number:** B2003-11-6210L-194, C2003-11-7120-030

**Title:** A Web agent for automating e-commerce operations

**Author** Raposo, J.; Alvarez, M.; Vina, A.; Montoto, P.; Hidalgo, J.; Pan, A.

**Author Affiliation:** Dept. of Inf. & Commun. Technol., Univ. of A Coruna, Spain

**Conference Title:** Proceedings IEEE International Conference on E-Commerce. CEC 2003 p. 16-19

**Editor(s):** Chung, J-Y.; Zhang, L-J.

**Publisher:** IEEE Comput. Soc , Los Alamitos, CA, USA

**Publication Date:** 2003 **Country of Publication:** USA xiv+414 pp.

**ISBN:** 0 7695 1969 5 **Material Identity Number:** XX-2003-02468

**U.S. Copyright Clearance Center Code:** 0-7695-1969-5/03/\$17.00

**Conference Title:** Proceedings IEEE International Conference on E-Commerce. CEC 2003

**Conference Sponsor:** IEEE Task Force on Electron. Commerce

**Conference Date:** 24-27 June 2003 **Conference Location:** Newport Beach, CA, USA

**Language:** English

**Subfile:** B C

Copyright 2003, IEE

**Abstract:** ...great amount of information that a user handles in their typical transactions on the Internet - identifiers , addresses, credit card numbers , among others - makes it necessary to have a mechanism which facilitates the secure management of...

**Identifiers:** ... identifiers ;

**Astronomical Objects:**

21/3,K/5 (Item 5 from file: 2)

DIALOG(R)File 2: INSPEC

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08568656 **INSPEC Abstract Number:** B2003-04-6250F-498, C2003-04-6130S-106

**Title:** An EAP-BT smartcard for authentication in the next generation of wireless communications

**Author** Loutrel, M.; Urien, P.; Gaiti, D.

**Author Affiliation:** Div. of Smart Card, Schlumberger Sema, Louveciennes, France

**Conference Title:** Network Control and Engineering for QoS, Security and Mobility. IFIP TC6/WG6.2 and WG6.7 Conference on Network Control and Engineering for QoS, Security and Mobility (Net-Con 2002) p. 103-14

**Editor(s):** Gaiti, D.; Boukhatem, N.

**Publisher:** Kluwer Academic Publishers , Norwell, MA, USA

**Publication Date:** 2003 **Country of Publication:** USA ix+480 pp.



**ISBN:** 1 4020 7268 6    **Material Identity Number:** XX-2002-03456

**Conference Title:** Network Control and Engineering for QoS, Security and Mobility. IFIP TC6/WG6.2 and WG6.7 Conference on Network Control and Engineering for QoS, Security and Mobility (Net-Con 2002)

**Conference Date:** 23-25 Oct. 2002    **Conference Location:** Paris, France

**Language:** English

**Subfile:** B C

Copyright 2003, IEE

**Title:** An EAP-BT smartcard for authentication in the next generation of wireless communications

**Identifiers:** ...service set identifiers ;

**Astronomical Objects:**

21/3,K/6 (Item 6 from file: 2)

DIALOG(R)File 2: INSPEC

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07919246    **INSPEC Abstract Number:** C2001-06-7120-045

**Title:** Loyalty program scheme for anonymous payment systems

**Author** Wibowo, A.M.; Kwok Yan Lam; Tan, G.S.H.

**Author Affiliation:** Dept. of Comput. Sci., Nat. Univ. of Singapore, Singapore

**Conference Title:** Electronic Commerce and Web Technologies. First International Conference, EC-Web 2000. Proceedings (Lecture Notes in Computer Science Vol.1875)    p. 253-65

**Editor(s):** Bauknecht, K.; Madria, S.K.; Pernul, G.

**Publisher:** Springer-Verlag, Berlin, Germany

**Publication Date:** 2000    **Country of Publication:** Germany    xii+488 pp.

**ISBN:** 3 540 67981 2    **Material Identity Number:** XX-2000-02601

**Conference Title:** Electronic Commerce and Web Technologies. First International Conference, EC-Web 2000

**Conference Date:** 4-6 Sept. 2000    **Conference Location:** London, UK

**Language:** English

**Subfile:** C

Copyright 2001, IEE

**Abstract:** ...the purchasing behavior of a customer by recording a customer's purchase information, including his credit card number, as a key identifier to the customer. While it may benefit the customer, the drawback is that the privacy...

**Identifiers:** ...key identifier ;

**Astronomical Objects:**

21/3,K/7 (Item 7 from file: 2)

DIALOG(R)File 2: INSPEC

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07826833    **INSPEC Abstract Number:** C2001-03-7120-012

**Title:** Efficient commerce protocols based on one-time pads

**Author** Schneider, M.A.; Felten, E.W.

**Author Affiliation:** Dept. of Comput. Sci., Princeton Univ., NJ, USA

**Conference Title:** Proceedings 16th Annual Computer Security Applications Conference (ACSAC'00)  
p. 317-26

**Publisher:** IEEE Comput. Soc , Los Alamitos, CA, USA

**Publication Date:** 2000 **Country of Publication:** USA xix+412 pp.

**ISBN:** 0 7695 0859 6 **Material Identity Number:** XX-2000-02926

**U.S. Copyright Clearance Center Code:** 1063-9527/2000/\$10.00

**Conference Title:** Proceedings of Annual Computer Security Applications Conference

**Conference Sponsor:** Appl. Comput. Security Associates; ACM Special Interest Group on Security, Audit, & Control

**Conference Date:** 11-15 Dec. 2000 **Conference Location:** New Orleans, LA, USA

**Language:** English

**Subfile:** C

Copyright 2001, IEE

**Abstract:** Presents a new commerce protocol that allows customers and merchants to conduct face-to-face credit - card authorizations with a credit card company securely, with the option of anonymity for the customer, the merchant, or both. Our... ..functions or on any other unproven hypothesis. Third, our protocol generates a new one-time identifier per party per transaction, preventing the linkage of multiple transactions to a single party. Additionally...

**Identifiers:** ...face-to-face credit card authorizations ; ... ..one-time identifier ;

**Astronomical Objects:**

**Dialog eLink:** [USPTO Full Text Retrieval Options](#)

21/3,K/8 (Item 8 from file: 2)

DIALOG(R)File 2: INSPEC

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05198443 **INSPEC Abstract Number:** B9209-6210-007, C9209-7120-002

**Title:** Credit card standards for telecommunications: an historical review

**Author** Lind, S.D.

**Journal:** Telecommunication Journal (English Edition) vol.59, no.4 p. 183-8

**Publication Date:** April 1992 **Country of Publication:** Switzerland

**CODEN:** TCJOA6 **ISSN:** 0497-137X

**Language:** English

**Subfile:** B C

**Abstract:** ...attention to the three-part standard account number structure and the administration of card issuer identifiers . Telephone credit card standards existing in 1984 and developed subsequently are described, and the work of the CCITT Rapporteur Group on improvement of validation procedures and possible use of charge cards for other services is outlined.

**Identifiers:** ...administration of card issuer identifiers ;

**Astronomical Objects:**

21/3,K/9 (Item 1 from file: 35)  
DIALOG(R)File 35: Dissertation Abs Online  
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02306096 ORDER NO: AADAA-I1452536

**A unified approach to primary key generation in banking risk reporting system using a new database schema**

**Author:** Khandelwal, Ashish

**Degree:** M.S.

**Year:** 2008

**Corporate Source/Institution:** California State University, Long Beach ( 6080 )

**Source:** Volume 46/05 of MASTERS ABSTRACTS. of Dissertations Abstracts International.

PAGE 2728 . 130 PAGES

**ISBN:** 978-0-549-50438-2

Statistics shows that Social Security Number is the most widely used identifier in every domain in the United States. However according to World Bank Report there are... ..Also, recent spike in cases of identity theft calls for a need for a new unique identifier . In this thesis we propose a method to generate a unique identifier called System Identification Number (SIN) which incorporates all identification information unique to the customer. We show how application of... ..show this by designing a database schema. Bank Identification Number (BIN) is currently appended to credit card numbers to identify organization name, country, funding type and card type. When prefixed to SIN, combination of BIN...

21/3,K/10 (Item 1 from file: 583)  
DIALOG(R)File 583: Gale Group Globalbase(TM)  
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06581517

**Merita kehitti sUhk6isen tunnisteiden**

**FINLAND: MERITA INTRODUCES ELECTRONIC IDENTIFIER**

Helsingin Sanomat ( XFB ) 05 Feb 1998 p.B7

**Language:** FINNISH

**FINLAND: MERITA INTRODUCES ELECTRONIC IDENTIFIER**

Merita Bank of Finland has developed an electronic identifier for e commerce. The identifier , based on the technology used in the Solo payment system, enables the seller to identify... ..principles of the new service. A more significant change will be the transfer of electronic identification to smartcards .



## V. Text Search Results from Dialog

### A. Full Text Databases

File 9:Business & Industry(R) Jul/1994-2009/Apr 11  
(c) 2009 Gale/Cengage  
File 16:Gale Group PROMT(R) 1990-2009/Mar 20  
(c) 2009 Gale/Cengage  
File 20:Dialog Global Reporter 1997-2009/Apr 13  
(c) 2009 Dialog  
File 15:ABI/Inform(R) 1971-2009/Apr 06  
(c) 2009 ProQuest Info&Learning  
File 148:Gale Group Trade & Industry DB 1976-2009/Mar 27  
(c) 2009 Gale/Cengage  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2009/Mar 18  
(c) 2009 Gale/Cengage  
File 610:Business Wire 1999-2009/Apr 02  
(c) 2009 Business Wire.  
File 613:PR Newswire 1999-2009/Apr 12  
(c) 2009 PR Newswire Association Inc  
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Mar 09  
(c) 2009 Gale/Cengage  
File 636:Gale Group Newsletter DB(TM) 1987-2009/Mar 20  
(c) 2009 Gale/Cengage  
File 624:McGraw-Hill Publications 1985-2009/Apr 10  
(c) 2009 McGraw-Hill Co. Inc  
File 634:San Jose Mercury Jun 1985-2009/Apr 10  
(c) 2009 San Jose Mercury News  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc

? ds

Set	Items	Description
S1	1494450	(CHARGE OR CREDIT OR DEBIT)(CARD OR CARDS OR INSTRUMENT?) OR CREDITCARD? OR CHARGECARD? OR DEBITCARD? OR SMARTCARD?
S2	33283	S1(5N)(AUTHENTICAT? OR AUTHORIZ? OR AUTHORIS? OR VERIFY OR VERIFYING OR VERIFIES OR VERIFICATION)
S3	20922	S1(5N)(VALID? OR IDENTIF? OR DETERMIN? OR CONFIRM?)
S4	55870	IDENTIFIER??
S5	0	S4(5N)(UNIQUE()VOLUME()BASED)
S6	11065	S4(5N)UNIQUE
S7	0	S4(5N)(NON()REPRODUCIBLE)
S8	55870	S4(5N)(CODE? ? OR CODING? OR INDICATOR? OR IDENTIFIER? OR -

NUMBER? OR NUMERIC OR NUMERAL? OR SEAL OR SEALS OR IMAGE OR IMAGES)

S9 345585 BUBBLE OR BUBBLES

S10 125 S9(5N)RANDOM

S11 1 S9(5N)(SELF)GENERATING)

S12 192 S9(5N)(CODE OR CODES OR CODED)

S13 8 S9(5N)AFFIXED

S14 626 S9(5N)(COMPARE OR COMPARES OR COMPARING OR MATCH OR MATCHES OR MATCHING)

S15 225004 MAGNETIC()STRIP?? OR BARCODE? OR BAR()CODE?? OR ELECTRONIC-  
( )LABEL?? OR UNFORGEABLE()LINK??

S16 71 AU=(BOURRIERES, F? OR BOURRIERES F? OR KAISER, C? OR KAISER  
C? OR FRANCIS(2N)BOURRIERES OR CLEMENT(2N)KAISER OR FRANK(2N-  
)BOURRIERES)

S17 52409 S2 OR S3

S18 288 S17(S)(S5:S8)

S19 0 S18(S)(S10:S14)

S20 174 RD S18 (unique items)

S21 77 S20 NOT PY>2003

S22 0 S21(S)BUBBLE??

S23 6 S21(S)S15

S24 0 S16(S)S1

S25 0 S16(S)IDENTIFIER??

S26 0 S16(S)BUBBLE??

?

23/3,K/1 (Item 1 from file: 15)

DIALOG(R)File 15: ABI/Inform(R)

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02664500 425507941

**Nanotech**

Huang, Gregory T

Technology Review v106n8 pp: 98-109

Oct 2003

**ISSN:** 1099-274X **Journal Code:** TCR

**Word Count:** 6441

**Text:**

...credit card company asked the MIT Media Lab to develop a technique to produce card identifiers that, unlike magnetic stripes, would be extremely difficult to forge, graduate student Ravikanth Pappu devised a cheap and simple...

...at ThingMagic in Cambridge, MA, which is developing "embedded intelligence" as well as radio-frequency identification technologies, Pappu says credit card companies are calling, interested in building tokens into their cards. The technique could also be used for tamper-resistant packaging, or to create identifiers for computer chips. According to Neil Gershenfeld, Pappu's MIT advisor, cryptographers are

often very...

23/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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01611763 02-62752

**Transforming data into marketing insight**

Hedgcock, Robert  
Automatic I.D. News v14n4 pp: 50-51  
Apr 1998

**ISSN:** 0890-9768 **Journal Code:** AIN

**Word Count:** 1220

**Text:**

...linkage may be made at the point of sale through the use of private label credit cards, check capture, barcoded identifiers, smart cards, affinity cards and other loyalty or points programs.

In this environment, product planning...

23/3,K/3 (Item 3 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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01479001 01-29989

**They make no little plans**

Nailen, Richard L  
Electrical Apparatus v50n8 pp: 23-27  
Aug 1997

**ISSN:** 0190-1370 **Journal Code:** ELAP

**Word Count:** 3048

**Text:**

...oven cycle, the balancing machine . . . right now, we're putting in a \$7,000 computerized barcoded job-costing system that's set up to allow for 75 employees, each with a unique identifier like a credit card, replacing the old time clock punch card system.

"They come in at the start of...

23/3,K/4 (Item 4 from file: 15)  
DIALOG(R)File 15: ABI/Inform(R)  
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00325455 86-25869  
**The Credit Card for the Nineties**

Barnes, Robert B.; Kilty, Lawrence R.  
Credit World v74n5 pp: 36-40  
May/Jun 1986  
**ISSN: 0011-1074 Journal Code: CW**

**Abstract:**

...purposes. Significant advances in transaction card technology are rapidly pointing out substantial limitations in the magnetic stripe credit card, including: 1. low data storage capacity, 2. susceptibility to accidental data erasures, and...

...voice prints, fingerprints, hand geometry, extensive biographical data, or combinations of these and other personal identifiers. The optical credit card can be recorded in large quantities during manufacture or individually written at the point of...

23/3,K/5 (Item 1 from file: 148)  
DIALOG(R)File 148: Gale Group Trade & Industry DB  
(c) 2009 Gale/Cengage. All rights reserved.

16300483 **Supplier Number: 108647638 (USE FORMAT 7 OR 9 FOR FULL TEXT )**  
**Nanotech ... and more: new materials engineered on the nanometer scale will lead to commercial products for electronics, energy, and medicine in three to five years.(TR100)(Industry Overview)**

Huang, Gregory T.  
Technology Review (Cambridge, Mass.) , 106 , 8 , 98(10)  
Oct , 2003

**Document Type:** Industry Overview  
**ISSN:** 1099-274X

**Language:** English

**Record Type:** Fulltext

**Word Count:** 6988 **Line Count:** 00611

...at ThingMagic in Cambridge, MA, which is developing "embedded intelligence" as well as radio-frequency identification technologies, Pappu says credit card companies are calling, interested in building tokens into their cards. The technique could also be used for tamper-resistant packaging, or to create identifiers for computer chips. According to Nell Gershenfeld, Pappu's MIT advisor, cryptographers are



often very...

23/3,K/6 (Item 1 from file: 636)  
DIALOG(R)File 636: Gale Group Newsletter DB(TM)  
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01023667 **Supplier Number:** 40402334 (USE FORMAT 7 FOR FULLTEXT)

**AUSTRALIAN EFT SECURITY STANDARD DEVELOPED**

Computer Fraud & Security Bulletin , v 10 , n 8 , p N/A

June , 1988

**Language:** English **Record Type:** Fulltext

**Document Type:** Newsletter ; Trade

**Word Count:** 391

-

...6.1 to 6.4.

The SAA has also revised its series of Standards for identification cards and credit/ debit cards to take account of changes to the corresponding International Standards. The new series of nine Standards covers physical characteristics, embossing, magnetic stripe location and encoding, location of embossed characters, numbering system and registration procedure for issuer identifiers , financial transaction cards and data content. Four of these new Standards contain annexes which provide...

## **VI. Additional Resources Searched**

EBSCO HOST

0 results